

The first part of the Key of Philosophie.

Wherein is contained most excellent
secrettes of Physicke and Philoso-
phie, diuided into two *1033. 62*
Bookes. *2*

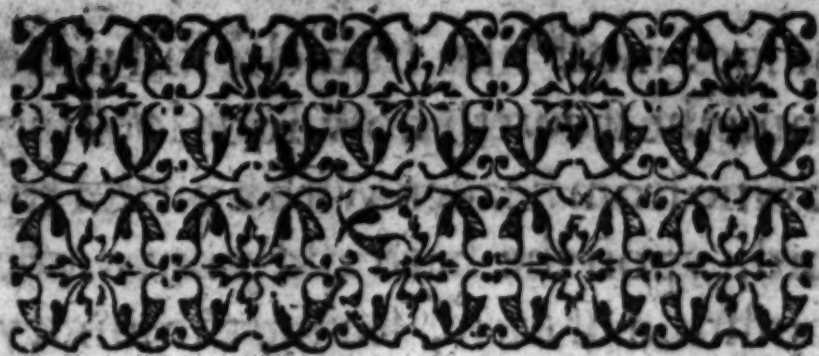
In the first is shewed the true and perfect
order to distill, or draw forth the Oiles,
of all maner of Gummes, Spices, Seedes,
Roots and Herbs, with their per-
fect taste, smell and
virtues.

In the second is shewed the true and perfect order
to prepare, calcine, sublime, and distillue al maner
of Mineralles, and how ye shall drawe forth their
Oiles and Saltes, which are most woonderfull in
their operations, for the health of mans bodie First
written in the Germane tongue by the most leat-
ned Theophrastus Paracelsus, and now publi-
shed in the English tongue by I O H N
H E S T E R, practitioner in
the Art of distillation



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1596.



To the right reuerend fa-
ther in God, and his singular
good Lord Iohn V Vatson by the
Grace of God Bishop of Winchester, and
Prelate of the right honourable order of
the Garter. I. H. wisbeth health and
peace, and long life in Je-
sus Christ.

Retic and pithie is the
tale (my good Lord) that
Plato telles in his Prota-
goras, and somewhat ap-
pliable to my present purpose, and
therefore not absurd for mee to set
downe, to the better presentment of
my pretence. Among other his ex-
cellent inuentions (as hee is in all his
A 3 things

THE EPISTLE

things most like himselfe still verie diuine) he sheweth how Ioue looking downe from heauen with a pitiful regard, vpon the hard and vntowarde condition of men, seeing the lundry calamities, and infinite miseries that they were subiect vnto; while yet they liued sauage like beasts amongst beasts, euery man leading his life after the leuell of his own lust: tooke order straite with his winged messenger Mercurie, to descend downe with expedition; with trauell to collect and gather together the disperſed multitude, that so vnited they might both be stronger to defend themselves from the brute beasts their common enemy; and linked as it were in a bodie pollicue, each presented as well with the daily view of his owne want, as the continuall shew of the like lack in others, might with ioynt assent and consent (as driven by necessitie) endeavour to driue necessitie from themselves

DEDICATORIE

feluts. For the speedier accomplishing whereof, he had in charge to establish a law, that if any amongst them were found vnfurnished with iustice, and void of shamefastnesse, the same should be compted as an vnprofitable drone among laboring bees, and should suffer punishment accordingly. A worthy talk, and fit so worthy a Philosopher. By the which he highly deliuered in general termes, that which we daily finde in particular prooffe: to wett, no common wealth, nor societie to continue long happy where the members and partes thereof either for loue of iustice, or feare of shame are not like affectioned eeh to other. Now least I should seeme to allowe of this tale in speech, and to dislike it in practise; I haue presumed by this bare translation, to testifie my forwardnes in furthering her that fosters me. And yet is not my translation so bare (my good Lord) but that it carrieth in it,

THE EPISTLE

more plainnesse to the readers, then perhaps they shal find in the first writer: For besides that I haue culled out their choise things, I haue from the same choise pruned, and cut off their superfluities, I haue supplied their defects, I haue laied open their obscuritie, & I haue shadowed their defaults, neither yet arrogating to my self, nor derogating from the, but as *Dies diem docet*, So, *Experimentum experiendo confirmatur*. What my trauell herein shal profite, I know not: but sure I am my trouble in the triall of them hath been great, my expences large, my proofes painfull, and nothing at all heerein pleasant saue onely a little knowledge that I haue got, aboue the capacitie of the common sort, a thing sure that I value far aboue the price that it cost me. Which knowledge in deede such is my grossenesse, or such the subtilnesse of the matter it selfe that I can easilier by demonstration shew it, then

by

DEDICATORIE.

by declaration teach it: and therefore dare I not vnder credite warrant per-
spicuitie to all men, but to those that
are *Filiis artis*, I promise more then I
found, & yet found I more then they
hauing would willingly loose: to the
residue I may say, that as lieennes fit,
but hatch not chickens in one day: so
men reade, but learne not arts in one
day. To you my good Lord, whose
countenance herein I craue for prote-
ction, whose iudgement and skill I
appeale to for fauour, I must needes
confesse they are not written (althogh
loth to haue them maisterlesse like
their maister, I am ouer bolde, to
shroud them vnder your winges) to
you I say they are not written, except
ouerladen v:ith the deepe and graue
mysteries of higher & more heauenly
philosophie, it may please you for de-
light, now and then to looke downe
into the plentifull and pleasant store-
house of Nature, a matter no doubt

DEDICATORIE

that al your whole life time, you haue
been singularly delighted with, as
most plainly doe declare the singula-
ritie, that you haue happily attained
vnto in all and euery the parts of her,
no lesse to your great cōtent at home,
then to your like commendation a-
broad: which because I can neither
praise to your desert, nor in praising
please your desire, I leane to speake
farther of: onely desiring your good
Lordship with your wonted clemen-
cie, to accept of this small testimonie
of my great good will, assuring your
selfe, that amongst the great number
of your well willers, there is no
one more dutifull then
your poore

John Hester.



To the Reader.



Xperience the Daughter of
Time, the mother of wise-
dome, the reward of travel,
and the onely iewel of a few
the wiser is commonly good
Reader, set out at so high a

price, and valued at so deare a pennymorth,
that she hath ever more cheapeners then chap-
men, more lookers on her, then likers of her:
and yet is she bought of some, although one
dramme of her cost them a whole pound of re-
pentance. To descend into the particulars,
were but to tie thee to a wearisome tale, and
to leade thee along through a tedious Labo-
rinth, staffed full of examples of former age:
a matter alreadie so open to the view of the
whole worlde, that for mee to stirre further
therein, were but to set a lighted candle in
the bright sunne. Onely for prooffe, it may
please thee (good Reader) to admitte the in-
stance in my selfe. When I beganne first to
take handes with the varietie of delights,
that

To the Reader.

that vnstayed youth, are commonly carried away with: and looking backe (as it were o-
uer my shoulder) saw the vast Sea of sugered
miseries that I had waded through, I then be-
ganne to thinke it high time to set downe a
surer compasse to direct the remnant of the
course that I haue yet to runne. And although
at that time I carried in my purse sufficient
wealth to support my calling, in my bodie suf-
ficient health to maintaine my life: and those
both so reasonable as might haue satisfied a
reasonable man (were not *Natu a hominum*
nouitatis auida) yet found I neither such
content in the one, nor the other, as might lon-
ger content mee to continue in that state. But
drawne on a while by this instinct or infecti-
on (I know not whether to call it) I was dri-
uen at last by a greedy kinde of ielousie, to en-
uie the store that I saw in others, in respect of
mine owne penurie: and therewithall I fell
into consideration how I might become one of
the small number of those, whom the greatest
number wondered at. To enter the straight
path that manie the learned had happily to
their great commendation perfectly troden, I
saw it almost vnpossible, vnlesse peraduen-
ture I should get me where the Muses dwell, to

To the Reader.

Oxford and Cambridge: and there putting
my selfe apprentice seven yeeres, to the seauen
liberall Sciences, might afterward become as
long iourneyman I cannot tell to whome: and
in the end (as too many the learned doe) yet I
can not tel what. This course yeelded so course
a liking, as I sooner passed ouer it, then into
it: and casting about againe with my selfe, I
was combred with a hundred other odde cro-
chets, all as farre beyond the compasse of my
reach, as they were short of the condition of
my liking, till at length in the midst of this
muse, I met in my minde with two such mini-
ons, as in my conceit were the only Paragons
of the rest: the one gallant and gorgeous gar-
nished with gold and siluer, bedect with iew-
els, sole Ladie and Gouvernesse of all the rich
Mines and Mineralles that are in the bowels
of the earth: the other sweet and odoriferous,
adorned with flowers and hearbes, beautified
with delicate spices, sole Lady and Regent of
all the pleasant thinges that growe vpon the
face of the earth. These I vowed to serue and
to honour, euen to the losse of life and limme:
neyther haue I greatly broken promise with
them, though they haue not kept touch with
me. Goodly and many golden mountains they
pro-

To the Reader.

promised me, Mary hitherto haue scantly performed any leaden mole-hilles. But howsoeuer the bargaine stand betweene them and mee, I am neither disposed to accuse them, nor to excuse my selfe. We agreee vpon wages and I weare their linneries: their cognisance such as it is, I beare where I am not ashamed to shew it: others and sundry their affaires haue they imployed mee in, in the which I haue faithfully, painefully, and chargeably applied my selfe, and attained by their instructions (to mine owne destruction almost) manie their hidden secretes as well in Mettalles and Minerallies, as in Hearbes and Sprites: parte whereof I haue diligently collected together, and for non payment of my boorde wages at their hands am forced to set them with the residue of my skill to sale, with offer vnto thee (good Reader) of preferment to the best things I haue: yet at a far easier price then they cost me, being no lesse my Summa summarum cast vp, and the foot of my account set downe, then the wasting out of my former health, and the wearing of the little wealth I had.

So that what experiences soeuer I haue digged out of shardestone, blowne out from hore

To the Reader.

fire, raked out from foule ashes. With great
cost and greater trauaile, that hast thou heere
in my Booke to see, and in my shoppe
to vse with great ease at thy
commandement.

Iohn Hester.

To the Reader.

For, that from forth these, with great
cost and greater travail, thou hast thou hast
in my Book to see, and in my hope
to see with great ease at thy
commandment.

John Hester.

A TRVE AND

perfect Order to make Oiles
out of all maner of Gummes, Spi-
ces, Seedes, Rootes, and Hearbes.

Whereunto is added some of
their vertues, gathered out
of sundry Authors.

To make Oyle of Masticke.



Take the purest Masticke
that may bee got which is
not mixed with Sandrake
or such like, and beate it
to powder, then put it into

a glasse with a long necke, and put there-
in as much pure *aqua vita* as will cover
it thre fingers high, and then stop it close
that it take no ayre, then set it in warme
horse dung, or in a soft Balneo, untill it
be dissolued: then poure it into a glasse,
and put therein as much wine as you shal
thinke good, and distil it with a head, and
receiver in sand, with a small fire, and
you shall receiue both oyle and water

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A perfect order to make Oiles.

together, the which you shal separate one from another. Then increase your fire, and there will come forth an other oyle which smelleth somewhat of the fire, and is best to be vsed outwardly. He may rectifie it againe with a small fire, and so it will come sweete.

The vertues of this oile. It is excellent against all cold diseases of the ma: it comforteth the liuer and the lites, and all other inward partes of the bodie. Being drunken it helpeth those that vomite or spit blood: it cousumeth and breaketh all inward sores. This oile being annointed on the belly it stoppeth the fire, it stoppeth womens termes, it is also good for the mother that is fallen downe, if you annoint it therewith, and the vnder parte of the bellie: it is good for young children whose arse-gut commeth forth, if you annoynt it therewith, and put it vp againe: it is also good for those that are burst if you annoint them therewith, and let them weare a trusse fitt for that purpose. : it helpeth fresh woundes very quickly if you annoint them therewith, and lay thereon a cloth wet in the same.

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A perfect order to make Oiles.

It fasteneth the teeth if you annoint the
gummes therewith : it comforteth a
weake stomacke and causeth good diges-
tion if you annoint it therewith.

This oile hath all the vertues of Ma-
ticke, but it is a hundred times more
of force.

To make oile of Mirra.

Take pure Mirra that is new and fat,
five ounces, and put it into a glasse
with a long necke, and put thereon 12
ounces of pure rectified *aqua vite*, then
stop the glasse fast, and sette it in boyle-
ing untill it be dissolved. Then poure
into an briall with a head, and a re-
ceiver, and distill away the *aqua vite* in
balneo, with a soft fire, and the oile wil
emaine in the bottome, the which strain
through a fine cloth, & keepe it in a glasse.
His vertues are these.

This oile by his naturall vertue pre-
serueth all things from putrifaction that

A perfect order to make Oiles.

is annointed therewith: likewise the face and hands being annointed therewith, it p̄serueth them in youthfull state, a long time. It helpeth all stinking sores and woundes quickly: it helpeth paines of the eares, if it be put therein. It p̄serueth the sight of the eyes, if you put one or twoo droppes therein. Helpeth all paines of the Mother if it bee annointed therewith: it stayeth the haire from falling: if any be troubled with a Feuer, let him annoynt his whole body therewith, and laye him downe to sweate. This oile drieth and consumeth all accidents after birth. Being drunke it maketh a swete breath, and helpeth the cough, it is good against short winde: it helpeth the stich in the side if you drinke thereof one dram: it stoppeth the fluxe of the belly: it maketh a cleane voyce. The arme-pittes being annointed therewith, it taketh awaye the stiche from those partes: if ye mixe it with wine and wash the mouth therewith, it will comfort the gummes and fasten the teeth: it is also good for wounds in the head.

If thou wilt vse this oile to p̄serue any

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A perfect order to make Oiles,

any part, you shal vse it in this order, first make a bath with some swete hearbes, and then hold that part the which you wil preserve ouer the same, that the poares may open, then drie it with a linnen cloth, then annoynt it with this oile and chase it in: that being done, if there remaine any yellownesse of the oile, yee may washe it away with white Wine. This oile would bee occupied when you are in the stew or hot house.

To make Oyle of Storax liquida.

TAke the purest Storax that you can get, and put it in a glasse, with a long necke, and set it in horse-dung for a month, then take it forth and distill it in an Urinall that hath a wide mouth, in sand, with a gentle fire, & you shall haue both oile and water, the which you shall separate, and keepe to your vse.

Risus writeth in his great booke of Distillations, that this oile hath the same vertues that the oile of Mirra hath: but that it is a little moze hot and piercing.

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A perfect order to make Oiles.

To make Oyle of Storax
Calamite.

This oyle may be made diuers waies,
of the which I wil shew you the best.
Take the purest storax that you can find,
and beate it into powder, then put it in
to a long necked glasse, and put thereon
pure rectified *aqua vine*, and lute the
glasse, then set it in warme dung, or
in a soft Balneo a moneth. Then distill
it in sande with a small fire, and thou
shalt haue both oyle and water, which
you shal separate. You shal vnderstand,
that towarde the end of the distillation,
there will ascend a certaine matter like
Manna, the which is pleasant.

The vertues of this oyle. Three or
four drops being drunke, it comforts
the breast and lungs, and all inward
partes: it helps the paines of the mother
if it be drunke, and also annoint those
partes therewith: it stoppes the rheume
that falles to the breast and necke: this
being drunke, it makes a man merry, and

A perfect Order to make Oiles

of light courage, but beware you take not too much. If you put two or three drops into the eares, it takes away the ringing in them.

To make Oyle of Benjamin.

This is made as you made the oyle of Storax Calamite, and is onely used in perfuming: some distill this Benjamin with rose water, but I thinke it will not be so perfect in smell, nor so easily done.

To make oyle of Galbanum.

Take the purest Galbanum thou canst get, and put it into a glasse, close luted, then set it in balneo Mariae untill it be dissolved, then distil it with a soft fire, and then will come forth a fayre yelloe oyle, the which ye shall separate.

This oile being drunk, is good against an olde cough, and for such as are shorted, and can not easily draine their
breath,

A perfect order to make Oiles.

breath, but are allwaies panting & brea-
thing. It is also verie good for such as
are broken, and brused within, & against
crampes, and shynking of sinows. This
oile being drunke in wine with oile of
Mirra, is good against al venome drun-
ken, or shotte into the bodie with vene-
mous dartes or arrowes. Being taken
in the same order, it prouoketh womens
termes, and deliuereth the dead childe.
It hath the same vertue, if a perfume
thereof bee receiued in the secret partes.
This perfume doeth also helpe women
that are griued with the rising, or stran-
gling of the Mother, and them that haue
the falling sicknesse, and being layed
to the nauell, it causeth the matrix or mo-
ther, that is remooued from his naturall
place, to settle againe. This oile doeth
molifie and soften, and draweth forth
thornes, splinteres, or thuiers, and cold
humours, being mixed with any conue-
nient unguent. It is good to annoint the
side against the stopping and hardnesse of
the milke. The perfume or sent of this oile
drineth away Serpentes from the place
where it is burned: and no venomous
beasts

A perfect order to make Oiles.

beastes have power to hurt suche, as bee
annointed with the oile of *Galbanum*, and
if ye mixe this oile with the roote of *An-
gelica*, or the seede or roote of *Spandilium*,
and touch any Serpent or venemous
beast therewith, it causeth them to die.

To make Oile of *Sagapenum*.

Take this Gumme and dissolue it in
strong Wine, in *Balneo Mariae*, and
then distill it in the Sand with a gentle
fire.

This Oile is good for the stiche in the
side: It taketh awaie the cough that hath
continued long: It helpeth the swelling of
the breast, wherby the breath is stopped.
It is very good against the cramp: It war-
meth the ioints, and helpeth the pains of
the hips, and all such like diseases com-
ming of cold. It is good for women that
have great paine in their childbed, if you
annoint the noethrils therewith: For it
driveth forth both the quicke and the dead
foete quickly: beeing drunke with wine
it helpeth against poison, & is also good a-
gainst

A perfect order to make Oiles.

gainst the biting of an Adder : being put into the eie it taketh away spottes: You shall note, that women with childe must take great heed of this oile.

To make Oile of Opoponax.

This is made as is aforesaid, and his vertues are these.

If you drinke three or foure droppes with Wine, it helpeth the Cough and all impedimentes of the Milke : it helpeth also all impedimentes of the Bladder, and clenseth it of all scabbes and sores : it helpeth the Stiche in the side: it causeth speedie deliuey in women with childe : it helpeth against winde in the Matrice, and dissolueth the hardnesse of those partes, and causeth the paine to cease.

To make Oyle of Euphorbium.

This is made as is said afoze, and his vertues are these.

We shall note that this Oile is not to be occupied inwardly, by reason of his great

A perfect order to make Oles.

great beate: except it bee mixed with some other thing, as if it bee mixed with bonnie it purgeth the belly maruellously: it helpeth those that are troubled with obliuiousnesse, if yee annoint the partes therewith: it draweth forth thorns and such like out of the flesh: it helpeth the byting of an Adder: it is also good for stiffness of the ioyntes coming of cold, if yee annoint the partes therewith.

*To make Oile of Ambre
or Succinum.*

TAke *Ambre* and beate it to powder, and put it into a glasse with a head and a receiuer, and distil it in sand with a gentle fire, and there will come forth both oile and water, the which ye shall separate one from another.

This oile being perfectly distilled, is good against pains of the head, and resolution of sinewes, and against swimming in the head, and falling sicknesse. If yee drinke thereof three or foure drops in the morning

A perfect order to make Oiles.

morning with *Pionie* water, it preserveth a man from all poysons and pestiferous aires, if yee annoint the nostrils therewith, or put it into some medicine fit for that purpose. It is excellent against diseases of the Blather and Raines, and driveth forth the stone, and prouoketh urine, if yee drinke it with *Malmeie*, or *Parcelie* water. or such like. It helpeth the cholicks and choking of the *Matrixe*, if you also annoint the parts therewith. It driveth forth the fruite, and causeth a woman to be faire deliuered, if she drinke three or foure drops, it is good against all fluxes of the head.

To make oile of *Amoniaccum*.

Take this Gumme and put it into a glasse, close luted; and set it in warme dung, or in *Balneo Marie*, untill it be dissolved, then distil it in Sand with a head and a receiuer, and thou shalt haue both oile and water, the which yee shall separate one from another: yee shall understand that there will come forth more water then oile, as I haue proued many times.

This

A perfect order to make Oiles.

This oile helpeth the cough comming
 of moyſture : it purgeth the bzeast, and
 helpeth Ulcers in that place, three or
 foure droppes being taken in an egge: it
 helpeth paines in the ſide, if ye annoint
 it therewith. It diſſoluerh all hardneſſe
 and ſwellinges, and taketh away the
 paines of the goute. If ye mixe this oile
 with as much oile of *Galbanum*, and a be-
 rie little oile of *Wormwood*, and annoint
 the *Wille*, it taketh away all the paines:
 being mixed with oile of *Wormwoode*,
 and annointed in the *Navill* it killeth
 wormes.

To make Oile of Sarcocolla.

This is an excellent *Balsame* againſt
 all woundes, and filleth them with
 fleſhe : it purgeth all olde ſores, without
 paine and ſmart, it bzeaketh hard im-
 poſtumes, it helpeth all running eies, if you
 uſe it in a *Collirte*: it helpeth wheales in
 the eie lids: Being drunk with wine it
 helpeth the reſume that falleth to y teeth,
 & ſo that cauſe it is bleſed of thoſe that are
 troubled

A perfect order to make Oiles.

troubled with abondance of flegmaticke humours : You shall note that this oile is specially vsed in freshe woundes and olde sores. This oile is made as you made the oile of Serapynum.

To make oile of Castoreum.

Take the fattest that thou canst gette and stampe it well, then put it into a glasse, and set it to putrifie in *Balneo Mariae* fine or sixe dates, then distill it with a soft fire, and thou shalt haue an excellent oile.

This is good against al cold Cramps and Palsies, being mixed with Riew and Vineger : and put into the nozethilles it comförteth the braine, and taketh a waie paines of the head. Being annointed on y neck and also drunke with Wine, it helpeth much those y are troubled with the falling sicknesse : It helpeth conuulsions and paines of the sine ws, if you annoint them therewith: being drunke with pepper and Hidzomell, it prouoketh womens termes and also the fruit, it warmeth cold places,

A perfect order to make Oiles.

places, it is also excellent against Apoplexia, it helpeth those that are deafe, it moueth venery. It helpeth the Chollick and the suffocation of the Matrice, and strengtheneth the natural partes.

To make Oile of Frankencense.

Take Frankencense as much as you will, and put it into a retozte of glasse, well luted: And put therunto for euery pound of stufte, foure ounces of cleane Sand, and then distill it with a gentle fire, vntill all the substance be come sooth, and thou shalt haue both water and oile, the which ye must separate.

The water is good against winde in the stomacke if it bee drunke: it is also good for choppes in the handes and feete, if yee washe them therewith, and annoint them with the oile against the fire, and straitwaies put on a paire of gloves, and so doing thzee times, they shall be whole.

This oile helpeth simple woundes in thzee or foure daies, if yee annoint them therewith, and late thereon a cloth wet
in

A perfect order to make Oiles.

in the same, it preserveth all flesh from putrifying and alteration, and taketh away the paine: It helpeth all aches and bruises if ye annoint them therewith. We shall note that you must use no tent where you occupie this oile, but wash the wound cleane and ioyne it or stitche it close together, and then lay thereon a cloth wet in the same, so if ye fall a tenting, ye make worke for the Surgeon.

To make Oile of Turpentine.

Take pure and cleane Turpentine as much as you will, and put it into a glasse, so that thre partes be emptie, and put therein a certain quantitie of Sand, as much as you shall thinke good, then distill it in sand with a soft fire, and there will come forth foure licours: The one is a cleere water, the other a cleere oile, the third a yellow oile, the fourth a redde and stinking, the which a number of Apothicaries doe sell in stead of Baulme: Wee shall note that the first oile is beste, the second better, the third hottest of all, and

not

A perfect order to make Oiles.

not so good to occupie inwardly, as the
first.

Falopius in his book of secrets writeth,
that this oile will helpe frethe woundes
in foure and twentie houres, if yee an-
noint them therewith; and lay thereon
a clothe wet in the same. It is good a-
gainst contraction of sinewes coming of
cold: it prouoketh Urine, if ye drink one
drum of the first Oile in white wine: it
breaketh winde in the bodie, and dissol-
ueth the Plurisie and Pestilent Fever:
it prouoketh an appetite if ye annoint the
stomacke therewith. It helpeth against
cold diseases of the Throat, and helpeth a
Quincking breath, and the cough.

To make Oile of Waxe.

Take new yellow Clate as much as you
shall thinke good, and melt it on the
fire, then poure it into sweete Wine,
and wring it betweene your handes,
then melt it againe, and poure it into
wine againe, and this you shall doe fives
or sixe times at the least, and euerie
time you must haue fresh wine, then at
the

A perfect order to make Oiles.

The last you shall put it into a retorte of glasse, wel luted with his receiuer, and distill it in Sand, and there will come forth a faire yellow Oyle, the which will congele like pap when it is colde. Ye shall vnderstand that for every pound of wax, yee shall put thereto foure ounces of the powder of bricke into the glasse.

Raymonde Lullie greatly commendeth this oile, approuing it rather to be a celestial or diuine medicine, then humaine: for because this in wounds worketh most miraculously, which for his maruellous commoditie, is not so wel to be used of the common Chirurgion: Because this precious oile healeth a wound bee the same neuer so bigge or wide, being afoze wide stitched vp, in the space of alcuen daies or twelue at the most: But those that are small, this oile healeth in three or foure daies, by appointing onely the wounde therewith, and laying thereon a cloth wet in the same.

Also for inward diseases this oile worketh miracles: For if you giue one dram at a time to drinke with white wine, it stayeth the shedding of the haire, either on

the

A perfect order to make Oiles.

the head of beard, by anointing the
place therewith: Moreover it is excellent
in prouoking of vntue which is stopped:
it helpeth Itches and pains in the loins,
if you drinke the foresaid quantitie with
white Wine: It helpeth the cold gout of
Sciatica, and all other griefes coming
of cold. You shall vnderstand, that if you
rectifie this oile it wil congele no more,
but then it will be too hote to take in-
wardly, for it pierceth meruellously, and
is good to be mixed with other medicines
to cause them to pierce the better,

To make the Quintessence of Honey.

You shall vnderstand that Honey is a
licour rather diuine then humane, be-
cause it falleth from heauen vpon y^e herbs,
and is such a sweet thing, that the like can
not bee found vpon the earth. And this
Raymonde Lullie calleth the flower of flo-
wers, because Bees gather it vpon the
flowers in the field. And truly it is a most
strange thing if wee would consider well

A perfect order to make Oiles.

the qualitie of honey and ware: and therefore the wise *Baruch Arabico* in the *Academie* of *Alexandria* did write this sentence, *Medentro, & alio di fuori*, satisfying us by this, that honey and oyle were the first two licours in the world. And truely it is so if we consider well, as it may well be p[ro]oued by holy Scripture.

The order to make this *Quintessence* is thus. Take two pound of perfect pure honey, and put it into a great glasse, that foure partes of flue may remaine emptie: Lute it well with a head and receiver; and glue it fire untill there appeare certaine white fumes; which you shall turn into water with wetting of clothes in cold water, and laying them on the receiver, and head: and they will turne into water of a red colour like blood. When it is all distilled, keep the glasse close shut, and let it stand till it be cleere, and in the colour of a Rubine. Then distil it in *Balneo Mariae* at least six or seven times, and so it will lose his red colour, and remaine in the colour of golde having a great smell, and so pleasant that the like cannot be found in the world.

A perfect order to make Oiles.

This Quintessence dissolueth gold, and maketh it potable, and likewise any sort of Jewell that is put therein. It is of such vertue that if any be a dying, and drinke two or three diamantes thereof, presently he wil recover, as the Quintessence of wine wil doe. If you walsh any wound therewith, or other soze, it wil heale quickly. It is also good against the Cough, Catarre, and paines of the Milke, and many other diseases which I wil not speake of: for but few, and they very hardly, wil beleue the great vertue and operation thereof.

I gaue this lixe and fortie daies unto one that had the Palsie, and he was holpen. It helpeth also the falling sicknes, and preserveth the body from putrefaction, so that by these you may perceiue that it is a celestiall medicine. If therefore any vertuous man would take a little paine, in the experience hereof, hee shall doe wonderfull thinges, as many times I haue done, so that the people deemed that I wrought by Enchantment, when as indeede I did it by vertue of this licour, ministering the

A perfect order to make Oiles.

same so p[ri]uily that they coulde not see it, which fell out to my great honour, and benefite of the sicke, as you shal reade in my *Thesauro della vita humana*. And therefore I woulde wishe them that professe phisicke, and Chirurgerie to vse such experience, whereby commeth honour and gaine to the Phisition, and profite to the patient.

To make oile of *Lignum vite* or *Guaicum*.

TAke the finestest Wood that thou canst get, and make it in powder, then put it into a vessell of glasse well luted, and set it in horse doung, or in *Balneo* to digest, then take it forth and distill it with a gentle fire, as thou wouldest distill Nutmegs, and thou shalt haue both oile and water, the which thou shalt separate by themselues: then take the feces and put it into a new earthen pot, and set it in a furnace of reuerberation, untill it be burnt into ashes, then take that ashes & make thereof a lye wth *Fumetario* water, and when thou seest that the ashes will
make

A perfect order to make Oiles.

make the water no more sharp, cast them away, and let the water settle cleer, then vapoure away the water with a soft fire, and in the bottome will remain a salt, the which you shall dissolve and congele again till it be cleere, and faire, as *Sal arron* or *Entallie*, then keepe it to thy vse: the water is to drinke with wine.

The oile is to annoint the sores or aches, and the salt is to purge, and the order to vse it is thus: Either in the Pore, Goute, or the Palsie.

First you shall purge the patient well with this. Take of the salt half a scruple, *Theriac Alexandria* two drammes, mixe them and giue them thereof halfe a scruple at a time: You shall giue this three or foure times, according to the infection of the disease, for in this salt is vertue to purge all humours that causeth the Goute, the Palsie and the Pore, and such like hath not beene found, neither by vomiting or purging. Then when the patient is well purged, if the patient haue anie sores or holes, you shall mundifie them with this salte, and when they are mundified, you shall

A perfect order to make Oyles.

Shall dresse them twice a day with the oile, until they be whole, but if the patient haue no holes, you shal annoint these places where hee feeleth ache or grieve: Also euery morning earely in his bed, and at night an houre after supper, you shall giue him a good spoonfull of the water with rennish wine to drinke, and let him sweate thereon well, also he shal vse this with his meate if he wil. We shal vnderstand that the cure lieth not in meate nor drinke, but in the medicine, and therefore keepe him not too hungry: but let him haue good meate and well seasoned with salt, and let him drinke wine, and so vsing this order, thou shalt be able to helpe the Gout, Pore, or Palsie.

To make Oile of Butter.

Take newe frethe Butter as much as you wil, and put it in a retorte of glasse, well luted: and there will come forth three liquors, the which thou must separate.

This oile doth pearce maruellously, and taketh away the paines of the gout.

A perfect order to make Oiles

if you annoint them therewith: if you annoynt the handes and face therewith, it will p̄serue them faire: it is also good for those that are troubled with a Catarre, if you giue them thereof an ounce fasting, for p̄sently it arriueth to the stomacke and mollifieth the Catarre, in such order as you shall spit it forth at the mouth.

To make Oyle of egges.

Take egges and lette them hard, then take forth the pelkes and stamp them in a moxer, then put them in a frying panne, and set them ouer the fire, and continually stir them until you see them turne to oyle, then take them forth, and put them into a canvas bag and presse it forth. This oile helpes woundes with great speed: it makes the hair of the head or beard blacke: it takes away the pains of the emerodes, it is excellent against burning with fire or scalding with water: you shall vnderstand this oyle may be made very perfect by the arte of distillation without impression, as I haue proued diuers times.

Here

A perfect order to make Oyles.

¶ Heere beginneth the order to make
Oyles of all maner of Spi-
ces and Seedes.

To make Oyle of Sinamon.



The Syoniamon as much as
you wil, and stamp it gro-
ssly: then put it into a glasse
with pure *aqua-vita*, and
so let it stand five or six
dayes, then distill it with a small fire, and
there will come forth both oyle and wa-
ter, the which you shal separate one from
another, for the oyle will sincke to the bot-
tome: some vse to distill this with wine,
and some with rose water.

You shal vnderstand that this oyle is of
a maruelous nature, for it pierceth tho-
rough flesh and bones, and is very hot and
drie, and is good against all cold and moist
offences, and in special for the heart and
head: inasmuch that if a man late spech-
lesse, and could scant draw his winde, it
would

A perfect order to make Oiles.

would presently recover him againe, so
that his tittle be not yet commonest mira-
culous to see: and to be short, this oyle is
of such operation and vertue, that if a man
drinke neuer so little, hee shall feele the
working in his fingers and toes with
great maruel: and therefore to be short,
it pierceth through the whole body, and
helpes al diseases that are come through
cold and flegmaticke matter. This oyle
is hot and sharp: it digesteth and makes
thyne, and drieth downe womenes
termes: it helps women that haue great
pains and smart in their framel, & brings
forth their fruit, if you giue the patient
a little of this oyle, with oyle of Myrra in
wine to drinke, and annoynt the partes
therewith. The face and hands being an-
noynted with this oyle, it drieth away
the maseles and spottes. It warmeth the
breast, & helps the cold cough: it consumeth
al cold humors that proceed from the hynde
and head, and causeth quiet slepe. This
oyle may be prepared in fische
of the natural baulme for many diseases.
ye shall note that the water of sinamon is
alleged against the aforesaide diseases,
but

A perfect order to make Oyle.

but yet nothing of so much force as the oyle, for one drop of oyle will doe more, then foure spoonefuls of the water, therefore they would be bled together.

To make oyle of Cloues.

This oyle is made in this order: Take the best Cloues thou canst get, and beate them grossely, then put them into pure wine into a glasse, with a long neck close lated, then set it in warme house, during the space of a moneth, then distill it in sand with a soft fire, & thou shalt haue a faire oyle, which wil sincke to the bottom, the which you shall separate: and his vertues are these.

It strengtheneth the braine, head, and heart, and reuiueth the spirites, it serueth against all colde diseases, it consumeth all euil stinking: being outwardly applied, it hath great vertue in healing, and may be occupied in steede of baulme for wounds. One or two droppes taken in the morning with wine helpe a stinking breath: it makes the heart merrie,

and

A perfect order to make Oiles.

and cleanseth the filthinesse thereof, and openeth the liner that is stopped: being put into the eye it cleres the sight: it comforts a colde stomacke, and causeth good digestion, it purgeth melancholie: this oyle may bee made in *mannus Christi* with sugar, and they will haue the aforesaide vertue and strength.

To make Oyle of Nutmegs.

This oile is made as the oile of cloves, and will swimme vpon the wine: but if you distil this againe in *Balneo*, it will be most pure and subtle, and may be kept an hundred years in his perfect strength and vertue.

This oyle being drunke with wine bineth downe womens termes, and also the quicke and the dead fruit: and therefore women with childe shal not occupy this oyle, until such time as they be in trauel with childe, and then it causeth them to be faire deliuered without paine and danger: being drunke with wine it takes away all paines of the head coming

A perfect order to make Oyle.

ming of colde: it comfortes the maide, and
 openeth the puer, milke, and kidneys, and
 such like, it is excellent against beating
 of the heart, and faintnes and swooning,
 if ye drinke thereof and annoint the regi-
 on of the heart therewith: it makes good
 blood, and expelleth flegmaticke and me-
 lancholie humours, and makes a man
 merry: being vled at night it takes a-
 way al fancies and dreames: if any had
 a wound, or had broken a ribbe within
 him with a fall, let him drinke this oyle
 with any slight wound drinke, and it
 wil helpe him although hee were almost
 dead: it is good in all filthie sores which
 are counted vncurable: it is also pzetious
 for all cold diseases of the ioynts and fi-
 newes: it makes a sweete breath: if the
 splene doe swel, yee shall annoint there-
 with the left side: it helpes al effectes in
 the blather if it be drunke.

To make Oyle of Mace.

This oyle is made as aforesaide, and is
 of the same operation, it hath great vertue
 against the chollicke, which cometh of the
 cold.

A perfect order to make Oyles.

colde cankers or of a rheume, descending from the head: it comfortes the heart, the stomacke, and the womb, it is good in the strangurie, and all colde diseases: if yee drinke thereof three or foure droppes fasting with a spoonful of wine or broath, or eate two or three *manus Christi* made therewith.

To make Oyle of Pepper.

This oyle is distilled as is said afore, and is very cleare and light, and his vertues are these.

This oyle hath more vertue then the pepper hath in piercing, and specially in the cholicke, and other weake places filled with flegme, if you take thereof three or foure droppes with one scruple of the iuyce of a Quince, two houres afore the fit, after the body is wel purged, and let blood, it stayeth also the shaking at the first time or else at the second, it taketh away the fit.

Ye shall vnderstand that this oyle is only the ayrie part, separated from the other elementes, I saue once this oyle made

A perfect order to make Oyle.

made of a Germane, which had the perfect taste, saour, and smell, and was so hot on the tongue as oyle of Vitriol.

To make Oyle of Saffron.

Take the best saffron thou canst get, and put it into a glasse, and put thereon pure rectified *agua vica*, then lute the glasse fast, and set it in warme horse-dung a moneth: then distill it in *Balneo Marie* with a soft fire, vntil al the *agua vica* be come forth: then take forth the saffron and presse it in a presse, made for that purpose, within a strong canuasse bagge, and you shall haue both oyle and water, which you shal digest fire 02 fire dayes, and then separate them by art.

If this oyle be drunken with *Wine* it makes a man merrie, and to haue a faire colo2: if ye annoint the temples of a man overcome with drinke it will helpe him. This oyle being annoynted on *S. Anthonies* fire it quencheth it, & preserves the place: this oyle being mixed with womens milke stoppeth the running of the eyes:

A perfect order to make Oyle.

Somacke therewith: it breaketh also
fleumes and cankers it for some sooth at
the mouth: it prouoketh humours out
and drieth forth poison by sweate: it is
most excellent for those that are sharte
winded, and can not fetch their breath
but with great paine: it comforteth the
breast and lungs: it breaketh the stone in
the reines and bladder: it is good against
the bloudie fluxe and pilles. If any chest
be annoynted therewith, it will not suf-
fer moaths to breede therein as can be T

To make Oyle of Fennel seede.

This is made as is foresaide, and his
vertues are these: It is most excel-
lent against all paines of the eyes, inso-
much that if a man be almost blinde, it
would recover his sight againe, if hee
drinke thereof once a day, and drop one
drop into the eye morning and euening:
it maketh a sharte breath, and comforteth
the head of colde humours: it comforteth
the maie, and openeth the lyner and milke
that is stopped: it helpeth the droppe
and yelowe saundise of what cause soever

A perfect order to make Oiles.

it be : in hote diseases ye must occupy it
with colde waters, and in colde diseases
with warme. *Philippus Hermanus.*

This oyle is writen *Euonimus*, beca-
use the stone in the reines, and prob-
ably in the bladder and byrne : it comforteth
the stomacke and breaketh winde, this
oyle may be made in *maistre Chyffe*, with
sugar, and is very pleasant, and hath the
selfe same vertue.

To make oyle of Caraway seedes

To make oyle of Caraway seedes
is good against the stomacke, and for the mouth :

This oyle is made as is aforesaid
is good against wounds that pierce
the spleene : it is also most excellent to
scatter and break all the windiness of
the stomacke, the belly, the bowels and
matrice : also it is singular against grip-
ping torments, and gnawings or fret-
tings of the belly, not only to be used in-
wardly, but to be put into glitters, or to
be layed outwardly with barty melle.
This oyle being blent with wine, is
good for those that are hurt with any of

A perfect order to make Oiles.

Remons beastes : this oyle either eaten in
Manus Christi, or drunke is very profita-
 ble for such as haue the cough and haue
 taken colde, and for those whose breaths
 are charged or stopped. This oyle being
 too much vsed, decayeth the naturall com-
 plexion and liuely colour, causing one to
 looke wanne and pale.

To make oile of Carraway seede.

This oyle is made in the aforesaid or-
 der, and is very good and conuenient
 for the stomacke, and for the mouth : it
 helpeth digestion, and prouoketh urine:
 it stoppeth and dissolueth all kind of win-
 dines and blastings of the inward parts.
 And to conclude, it is answerable to the
 oyle of annis seede, in vertue and operati-

To make Oyle of Dill seede.

This oyle is made in the aforesaid or-
 der. This oyle being eaten in
Christi or drunke with wine, causeth wo-

A perfect order to make Oiles.

men to haue great plenty of milke: It
drineth away venosities or windiness,
and swageth the blastings and griping
torment of the belly: it staith vomiting
and laskes, and prouoketh urine: it is ve-
ry profitable against the suffocation or
strangling of the matrix, if ye cause the
woman to sit ouer the fume of it in a close
steele, for that purpose this oyle being ea-
ten in *manus Christi* staith the yere or bi-
quet.

This oyle healeth hollow and moist
ulcers, and especially in the thare or pri-
uy partes, this oyle both digest and re-
solue and swage paine, and ripeneth all
rawe and unripe humours. This oyle
may not be too much vsed inwardly, for it
diminisheth the sight and the seede of ge-
neration.

To make Oyle of Parcelle seeds.

This oyle is made in the aforesaide or-
der, & his vertues is to open obstruc-
tions of the lyuer and kidneys: it prouo-
keth menstrue, if it be drunke with con-
uenient licours: it causeth a good appe-
tite and digestion, and comforteth the sto-
mach,

A perfect order to make Oiles.

make : it dynteth forth the Stone and
grauell and prouoketh vyne, and is a
remedy against all popsons : it dynteth a-
way all blastringes and windinesse : it is
also good against the cough if it be mixed
with medicines made for that purpose.

To make Oyle of Rew or Herbgrace.

This oyle is made of the seede of Rew
being patrifised in wine.

Cardanus writeth that this oyle being
perfectly made, is of great vertue against
popson being drunke with wine, for it
ranseth the patient to auoyd it by vomit,
at the first time he taketh it : and at the
second time it expelleth the other euil hu-
mours that are infected therewith : and
at the third tim it cureth the patient and
maketh him whole : and this is done in
thre or foure dayes : it helpeth also all
diseases of the eyes, of what cause soeuer
it be, so that the apple of the eye be not
perished. The vse of this oyle to the eye
is to annoynt it therewith twice a day,
or wash the eye with the water of Rew,
and

A perfect order to make Oiles

and droppe one or two dropes into the

This oyle being drunke, suffereth no
poyson to remaine in man that day: if a
man drinke thereof fasting which is sore
wounded, and that the other cure be had
accordingly he shall easily escape. This
oyle being drunke taketh away the gout
and droppe sprung of a cold cause: it re-
soves al nummed members taken with
the palsie if you annoynt them there-
with.

Cardanus also affirmeth in his second
booke *de Subtilitate*, that there are certain
poysons which stay with their onely tou-
ching, against which poyson saith he, the
best remedy is, not to tarre in any place
untill thy hand ware hot, but after bathe
the partes with warme water, and an-
noynt them with oyle of Rose perfectly
distilled.

To make Oyle of Iuice

This oyle is made as is aforesaid, and
is good against these diseases follow-
ing.

A perfect order to make Oiles.

Against gripings of wind in the guts:
 against *Gonorheam* and pains in the neck
 coming of a *Catarre*: this oyle may be
 compared to baulme, three or foure drops
 being drunke: it doth prevent the reso-
 lution of sinewes, the falling sicknesse,
 and other diseases of the braine: it pre-
 serveth the bodie from all poison and pe-
 stilent aires, it comforteth a cold stomacke:
 it stayeth vomiting: it purgeth the
 reines: it breaketh the stone, it provo-
 keth urine: it helpeth the chollicke and
 paines of the guttes: it helpeth paines
 in the stomacke and lungs: it is good a-
 gainst the droppe and water betwene
 the skin and the flesh: it killeth worms:
 to be short, it helpeth all sicke members:
 by the vertue of his piercing being an-
 noynted outwardly, it stayeth consump-
 tions: it helpeth scabbes and olde cull-
 blers: it helpeth paines of the hips, the
 gowt and chollicke: it helpeth the chops
 in the handes and face.

Philippus Harmanus writeth, that if
 this oyle be rectified againe, it will bee
 a hundred times more purer and more
 piercing, for I haue seene those that could
 not

A perfect order to make Oiles.

not make water in thye or foure dayes: & after they haue drunke 4 or 5 drops of this oile, and annointed therewith the region of the bladder, presently they haue made water without any tarrying.

This oile is so excellent against the pestilence, that if any drinke thereof often times, he shall not be infected: although he were in the house where the pestilence is. But if any haue the plague already, let him drinke three or foure drops in wine and lay him downe to sweate, and the next day hee shall be well againe.

This oile is so excellent against poison, that if a man use it there will no poison remaine with him: it strengtheneth the stomacke and all inward parts, & principally it warmeth the hart: it stoppeth the bloody fluxe: it is also good against all diseases of the kidneys & bladder: if ye drinke it with wine it stoppeth womens termes: this oile being annointed from the navel of a woman to the private partes & thence of the backe, it strengtheneth the spirit of mother, and drieth up the moisture therein, and prepareth it to conception.

This

A perfect order to make Oiles

This said oile of Honeper being made
up with sugar in *Mellus Christi*, hath the
foresaid vertues.

To make Oile of Rosemarie

Take Rosemary Flowers and stampe

them, then put it into a glasse with
strong wine and stop it close, then set it
in the sunne five or six daies, and then
distill it with a soft fire, and thou shalt
have both water and oile, the which you
shall separate and keepe close in a glasse,
and his vertues are these.

It helpeth against al paines in y^e head,
although they haue continued 7. yerres: it
comforteth the memory, & also preserveth
the eyes, if you drinke therof now & then
a drop or two, and put another into the
eyes. It helpeth those that are deafe, if it
be put into the eares, and also drunk with
good wine: It openeth all stoppings of
the liver and milt, and helpeth against
the droppe and yellow Jaundize: it brea-
keth winds and helpeth the Cholicke, and

rising

A perfect order to make Oyles.

rising of the mother: it is also excellent for those that haue drunke poison, or that are infected with the Pestilence, if you drink thereof a little and lay you downe to sweate: It comforteth the heart and cleanseth the blood, and maketh a man merrie, and causeth a good colour, and this oile is most excellent for those that are full of itche and scabbes. And to bee short, it helpeth all the diseases of the bodie, that come of cold and moist humors, although they were neuer so euill: it helpeth the Canker and Fistelows, and such like.

To make Oile of wilde Time.

This oile is made as is aforesaide.

This Oile being eaten in Tablets of sugar, or drunke in wine, bringeth to women their flure naturall, and driueth out the front and grauell, and prouoketh vomite: the same taken in like maner stoppeth the laske, and cureth gripinges or knawinges, and is excellent against crampes, and the contraction of sinetcs.

This oile being taken in meates or
brothes

A perfect order to make Oiles.

broths, is a soueraigne medicine against all poysons, and against the bytings and Ringinges of venemous beastes and serpents. This being applied vnto the forehead and temples with oile of roses and vinegar, swageth headach, and is verie good against raving and frensie: the fume of this Oile driueth away venemous beastes.

To make Oile of Time.

This oile is made as is aforesaid, and his vertues are these.

Three or foure droppes being drunke with honied water, helpeth a painfull cough and shortnesse of breath: it prouoketh vrine, and expelleth the secundine and dead fruite from the matrice: it prouoketh menstrue, and dissolueth clotted and congeled blood in the bodie: being taken with oximell and a little salt, it purgeth tough and clammye segne, and sharpe cholericke humours, and all the corruption of the blood: being taken in the saide manner, it is good against the *Sciatice*, the pain in the side and the breast: it

A perfect order to make Oile.

It is also good against bladders and tumors
in the side and bellie, and of the
stones and geniters: it is good for those
that are fearefull, melancholic and trou-
bled in spirite and minde.

This oile being often used, helpeth
blurred eyes and paines of the same being
drunke in wine, it is most profitable for
those that are troubled with the Goute,
but if it chauce that their paines bee on
them, ye shal give them five or six drops
with a dram of orimel: if yee use this oc-
tentimes with honey, it will cleanse the
breast, and ripen flegme, and causeth it to
be spit forth with ease: the smell of this
Oile is most comfortable for those that
haue the falling sicknesse.

To make oile of sweet Margerom.

This oile is made as is aforesaid, and
his vertues are these.

Being drunke in white wine, it is
most wholesome for those that beginne
to fall into a dropfie, and for such as
cannot pisse but drop after drop, and that
with

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A perfect order to make Oles.

Wery great vertue. It is also good for
spells that are troubled with griping
pains and wringings of the belly: being
taken in the said order: it prouoketh
mens tearmes.

If ye condey this oile with oile of bitter
Almonds up into the noſethrils, it will
purge the head of moſt humours, and
cure them to neede. It is moſt excellent
for thoſe that haue loſt their ſmelling, and
againſt all paines of the head being uſed
as is aforeſaid: it is good againſt poiſon,
and the ſtinging of ſcorpions.

To make Oile of Sage.

This oile is made in the aforeſaide or-
der: And helpeth congeled bloud with
in the bodie, and cureth inward wounds
and bruises, either by a ſtripe or ſall if it
be drunk with wine: it prouoketh u-
rine and breaketh the ſtone: it comforteth
the heart, and taketh away the headache.
It is alſo good for women with child, to
dye it now and then, for it cloſeth the mi-
trix and comforteth the fruite.

of smoke of this oil being at the level

This title is made as in aforesaid, and
his virtues are crystalline in the

Being drunk in Wine, it mooueth
monthly tearmes, bringeth forth the se-
kundine, the dead fruit and the unnatu-
rall birth: it prouoketh urine, and breas-
keth the Stone, especially in the Kidnies,
being used with purified honey: it clea-
neth the lunges and breast from all grosse
and thicke humours. This oile being
mixt with honey and Aloes. purgeth the
melancholike humour and preuenteth
much against crampes, and the contrac-
tion of sinewes.

This style being drunk with water and

A perfect order to make Oile.

and liver, it taketh the inordinate poyson
to vomit, and the gnawing paines of the
Stomacke, being drunk with Wine, doth
helpe to the killing of venemous beasts
it is also good against the falling sickness
the temples and moetholes being an-
ointed with this oile, it taketh away the
swimming paines and giddinesse of the
head. It is most excellent for those that
have colde and moist braines : it taketh
away the paines of the Goute. The same
or smoke of this oile being at the secret
partes with a funnel, is good against ven-
tosity, windinesse, and flatulences, and al-
so against the hardnesse and stopping of
the Spother. *dispositio, auriaci gidiuom*
manus sji dno sicuti dno sji, anidm
aced dno To make Oile of Mint. *dispositio*
anidm sji in gillaires, anidm sji dno
This oile is made as is above saide
This oile being either eat or drunk,
is most profitable for the Stomacke, for it
warmeth and strengtheneth the same,
and drieth up all moist and superfluous
humours gathered in the same, and ta-
keth away all paines thereof, and causeth
good digestion : it stalet also vomiting

GNA

in

A perfect order to make Oile.

In those that haue a weak stomach, being
drunke with vineger, it killeth those
that beate blood, and killeth the round
wormes.

This oile being drunke four or five
times with some convenient licour, hel-
peth the griping paine and gnawing in
the bellie, with the Collicke, and stop-
peth the inordinate courses of the men-
strual issue, being drunke with wine, it
easeeth women which are too much grie-
ued with hard and perillous trauell in
childe bearing: being dropped into the
eares it taketh away the paine: the last
of this oile causeth a man to be merry.

This oile is singular good against the
gravel and stone in the kidneys, and a-
gainst the strangurie, which is taken when
cannot pee but drop after drop, if ye be
to drinke it in wine.

To make oile of Rose.

This oile is made as is aforesaid of
Camomill. If ye be to eate this oile
either mixed wth honey, or made into Ma-
nus Christi with Sugar, it will helpe those

A perfect order to make Oiles.

that haue obstructions or stoppings of the breast, with shortnesse of breath, it is also good against an old difficult and hard cough: yee must vse this morning & evening for a certaine space.

This oile being drunke with sirope of vineger, purgeth downward cough and clammye flegme, and killeth and drieth forth mozmies: it hath the like vertue if yee ate the same with figges.

To make oile of Radish seed.

Take the seede of Radishe and stamp it small, then take for euery pound of seede, two ounces of good Wine, then stampe it againe untill it be mixed, then put it into a vessel of Iron or Copper, and set it ouer the fire, and stirre it continually, untill it bee as hote as you may suffer your hand therein, and then put it into a canuas bagge, and presse it forth, and thou shalt haue both oile and water, the which you shall separate one from another.

This oile causeth good digestion, and prouoketh vrine, the which is stopped through

A pfectest order to make Oiles

through winde and ventositie: it dissolueth winde in the stomacke, and breaketh the grauel and stone in the bladder.

To make oile of Mustardseed.

This oile is made by impression as is saide afore, and is excellent for those that haue the stone, & causeth them to void grauell: it prouoketh womens sicknesses, if you annoint the body and raine, and within the necke of the Matrice, and also take it inwardly. it dissolueth the paines of the side and mother, if you eate it with a little Cinamon and white honey mixed together.

To make oile of Colewort seed.

This oile is made as is said afore, and of nature is hot & windie, and is vnto much of lecherous persons, because it maketh eleuation of the yard, & causeth the to be lustie, being vnto in meates it causeth good digestion: it preserveth armour from rusting a long time: it is good against inflammations

A perfect order to make Oile

flamations in all partes of the body, and
is also good against woymes.

To make oile of Linseede.

This oile is made in the aforesaid order, and is good against the pluresie: if ye giue thereof foure ounces to drinke, so, it dissolmeth the impostume presently, and so p̄serueth life. It is good against Emierods in the fundament. This oile of Linseede being distilled with Frankencense and ware, is most excellent to dissolve all contusions: With this oile they make vernish.

To make oile of Saint Johns woort or Seed.

This oile is made of the seedes by impression, and is excellent to helpe wounds, because it defendeth them from alteration, and maturation, and will not suffer humours to run thither. It is also excellent against poison, and the pestilent feuer, and all evil dispositions of the stomackes

A perfect order to make Oiles.

make: it is good against the sore of the body and Emerods, and for all manner of scabbes. It helpeth the rupture newly done, if you annoint it therewith, and weare a trusse fit for the purpose, and let him keepe his bed, and walke as little as he can for a certaine time: it helpeth against all manner of sores, as well old as new, and that it doth by his proper qualitie, for it is neither hote nor cold, but temperate.

To make oile of Quinces seed.

Take the seede of Quinces and stampe them, then put them into a frying pan with a little wine, and stirre them well together, untill it bee so hote that you can scarce abide your hand therein, then put it into a canvas bag, and presse it out in a presse, and thou shalt haue both oile and water, the which thou shalt separate.

This oile is excellent against al paines in the stomack, and helpeth the digestion and dissolueth wind: It prouoketh generous actes. It is also good against the Emerods and fistelows that come in the

A perfect order to make Oiles.

lower partes.

To make oile of Acornes.

This oile is made as is aforesaid, and is very restrictive and drying, and helpeth those that are troubled with the fluxe, if ye drinke thereof a little and anoint the belly therewith: you shall note that this oile is not to be occupied much inwardly: this oile is excellent to make Varnish.

In this manner ye make oiles out of all manner of seedes.

To make oile of Tartare by distillation.

Take white Tartare beaten in powder, foure pound, and put it into a strong vessel of stone wel luted, with a head and receiver, and giue it first a small fire, and then increase it according to art, and at the last giue it extreame fire untill all the moisture be come forth, then put the lixore into a glasse, & distill it in Balneo, and the oile will remain in the bottom: the which

thou

A perfect order to make Oiles.

thou shalt distill or rectifie in Sand, and then the oile will haue the colour of gold.

It is most excellent to cure blcers caused of the pore: for it taketh away their malice in suche order, that it can hurt no more: being drunke with wine, it breaketh the stone in the raines and bladder, and prouoketh vrine, it purgeth blcers.

Another way to make oile of Tartare.

Take Tartare and stampe it small, and then put it in a new earthen pot vnglazed, & set it in a potters furnace, or furnace of reuerberation vntil it bee white, then lay it vpon a smoothe stone in a moyst place, & it will turne into oile: the which is corrosiue: but one part thereof mixed with tenns partes of pure rectified *Agua vite*, healeth blcers quickly, if ye touche them therewith: it maketh the face faire: if ye wash the haire therewith it maketh it yellow: it taketh out blacke spottes in linnen cloth, and fixeth the medicines alchimicall, with diuers

A perfect order to make Oiles.

offer vertues, the which I wil leaue vntill another time.

To make oile of a Hartes horne.

Ye shall take a Hartes horne in the moneth of August, and file it to powder, then boyle it in water vntill it bee sufficient, then draw away the water in Balneo, and take that which remaineth in the bottome, and put it in a glasse with little peeces of tiles, and distill it, and thou shalt haue a faire oile, the which serueth for sundry purposes.

To distill oile of a mans Excrementes.

Take the dounge of a young sanguine child or man, as much as you wil and distill it twice in a Limbecke of glasse. This helpeth the Canker, and mollifieth fistelowes: comforteth those that are troubled with Alopecia.

To make oile of the skull of a man.

Take the skull of a man that was neuer buried, and beate it into powder, then distill

A perfect order to make Oiles.

distil away the flegme with a gentle fire,
and put it on againe, and distil it againe,
and this you shall doe three times vppon
the feces, and at the last giue it strong
fire, vntill the oyle be come forth: the
which ye shall separate by *Balneo*, and keep
it close shut in a glasse. The dose is three
graines, against the falling sicknesse.
Ye shall vnderstand, that there is also a
salt to be drawne forth of the feces, the
which is of great vertue against the a-
foresaid diseases being drunke
with wine, as is a-
foresaid.

Finis.

THE KEY OF *Philosophie*

The second Part.

Containing

The ordering and preparing of all Met-
talles, Mineralles, Allumes, Saltes, and
such like: for medicines both inwardly
and outwardly, and for diuers other v-
ses.



*Imprinted at London by
Valentine Simmes.*

1596.

THE KEY OF
Philosophie

The Second Part.

Containing

The ordering and preparing of all Met-
als, Minerals, Alloys, Salts, and
such like: for medicinal use inwardly
and outwardly, and for divers other v-



Printed at London by
Valentine Zimnier.

1676

To the Reader.



IN this present Booke (wel-
beloued Reader) I haue ta-
ken vpon me to set foorth,
the true and woorthie cun-
ning of the distillation of
Mineralles; that is, of those things which
are found in the Mines, as all manner of
Salts, Allums, Vitrioll, Sulfur, Mercurie;
and such like Mettalles, as Saturnus, Iupi-
ter, Mars, Sol, Luna, Venus. And how you
shall gette the licour or moisture out of
them. And all that which appertaineth to
the health of man. The which I meane
by the grace of God to set foorth in this
booke, with a number of Alchymistes
preparations of the said things, the which
worketh wonderfully in mans bodie: so
that it seemeth to diuers persons myracu-
ous.

Therefore (gentle Reader) peruse this
booke with discretion, and then if thou
cest it stand to thy minde, set thy hand
to the plough & be diligent in the worke,
so that thou mayest know the prooffe, and
seele the ready commoditie thereof, for

To the Reader.

ye shall vnderstand that there is no medicine in the world that can be found of so quicke operation as the Minerallies are, if they be truly prepared & as I wil shew you hereafter : but if they be not wel prepared they are very hurtful, and not to be allowed. Therefore looke that yee prepare them as I shall shew you, and then you shal wonder at their working.

And although the worthy science of *Alchymie* is come in such disdain through lewd persons, that it seemeth lies and fables, and no true science : Yet that ought not to hinder or derogate any thing to our purpose, as long as our matter is against the abuse of it, as for example:

The *Alchymistes* haue wrought in this worke, to the intent they might haue of lead and copper, golde and silver, or the meane to make them of all other simples or slight mettalles. But whether God hath giuen the that gift I know not: therefore I leaue it to the maisters of that arte. And albeit wee haue seene many wonderfull things in that arte : yet will I not affirme that it is possible to be doone, for it seemeth vnreasonable, that

To the Reader.

a man in so shorte time shoulde doe that thing the which nature doeth in manie yeeres. And that men should presume to doe that which God doth only himselfe, and not any of his creatures. We therefore will not affirme it to be true or possible, nor yet will wee deny it vtterly, or condemne it as vntrueth. But wee will leaue the answer to those that take it to be done.

But heere in this treatise wee will set forth that, which wee haue seene and wrought, and prooued, and are expert therein: And although it be sprung out of the Arte of *Alchymie*, yet it is not to that intent, for it serueth not to transmute Mettalles, but it serueth to helpe those diseased both inwardly and outwardly: who of the common sorte of Chirurgions are counted vncurable, and also giuen ouer of the Physitions. Those patients shall be holpen through the hidden mysteries and heavenly secrets of this science.

And forasmuch as it is vnpossible to prepare these things without the Arte of *Alchymie*: therefore we must praise this art

To the Reader.

arte through our preparations aboue al o-
ther sciences, that maketh for the health
of man; for they preserue a man only tou-
ched and afflicted with slight woundes &
griefes on his bodie, and that with much
paine and much adoe. But this Arte gi-
ueth vnto man his health againe in shorte
time, and with small paine vnto the paci-
ent, be he neuer so desperately sicke, and
to mans thinking past cure; for I haue
seene myracles therein.

And insomuch that it is all prepared
with fire: the meane man calleth it *Al-*
chymia. Howbeit the intent of the *Al-*
chymist is farre from our intent. But call
it what you wil, it maketh not much mat-
ter of the name. For I am sure there is no-
thing in all physicke that ministreth ey-
ther better or readier helpe to cure mans
bodie, then this science of preparing met-
talles with fire rightly. I say rightly pre-
pared, not as the vnskilfull *Apoticaries*
haue ordered them, or as the vnlearned
Physitions haue occupied them, for the
Apoticarie is no other then a seruant in
the kitchen (as I may terme him) and no
maister Cooke, so long as hee knoweth
not

To the Reader,

not these preparations, which I will shew
you.

In like manner it is to be thought of the
Physition that hath no skill in these pre-
parations. For we haue seene and prod-
ued diuers times, that the first vapour or
smoke of any Herbe or Spice is the best
that is therein, and yet our learned phy-
sitions commaund it to be boyled vntill
halfe be consumed, &c. Then note if the
best fire away in boyling, what strength
can the medicine haue. Therefore I say
that the Physition without this arte of
preparation is little or nothing worth, al-
though they take the patients mony. For
he goeth to worke blindly with a blinde
leader, which is the Apoticarie. But the
Physition that is expert in this science, &
doeth prepare his medicines truely, hee is
to be praised aboue all other. For a man
can not buy with any mony that which is
got by long carefull trauell. Therefore is
the arte of *Alkimie* worthy to be praised,
and the *Alchymist* to be praised also, al-
though they attaine not to their first in-
tention, yet they haue opened the way
through the which this excellent cun-
ning

To the Reader.

ning of preparation was knowne, and found, and through the which there are a number of wonderfull secrets opened, the which without this arte were all unknowne, to the great hinderance of the sicke and diseased persons. Therefore I will not speake against it, but holde it in greabestimation to our intention, that is the help of the sicke and diseased person, and to prepare the minerals wherewith you may doe that which can not be done with any other Hearbs, or simpies, or spices. And herewith will wee finish this preface, and write of the names of the simples, which are occupied in this art.

The first book is of the preparation of the simples, which is the most necessary part of the arte, and the which is the most difficult. The second book is of the preparation of the minerals, which is the most necessary part of the arte, and the which is the most difficult. The third book is of the preparation of the compounds, which is the most necessary part of the arte, and the which is the most difficult. The fourth book is of the preparation of the simples, which is the most necessary part of the arte, and the which is the most difficult. The fifth book is of the preparation of the minerals, which is the most necessary part of the arte, and the which is the most difficult. The sixth book is of the preparation of the compounds, which is the most necessary part of the arte, and the which is the most difficult. The seventh book is of the preparation of the simples, which is the most necessary part of the arte, and the which is the most difficult. The eighth book is of the preparation of the minerals, which is the most necessary part of the arte, and the which is the most difficult. The ninth book is of the preparation of the compounds, which is the most necessary part of the arte, and the which is the most difficult. The tenth book is of the preparation of the simples, which is the most necessary part of the arte, and the which is the most difficult.

The names of the Metals,

Simples, or Medicines of this

Science.



Here will I welbeloued Reader, shew thee for good will that thing whiche manie haue sought with their money and labour, and yet could neuer finde it: especially so, that I will not haue this worthy science vnder sette. Therefore wee will write first of the names of the simples, and then of the names of the preparations, and what they are.

Sal Armoniacke, that is a salt so called, the which yee shall finde at the Apotaries.

Sal Gemme, is stone salt, found in the Myne as clere as the glasse.

Sal commune, is common salt that wee eate.

Vitriolum, is greene coperas.

Calcantum, is yellow coperas, a matter like oker.

Alumen is *Allum*: but there are diuers kinds.

Of preparing of Mineralles.

Sulfur vine is the stone whereout the
other Sulfur is melted, and is green of co-
lour.

Antimoniū is a certaine Minerall so
called that ye shall finde at the Apotica-
ries.

Carrabe that is yellow **Amore** or **Sa-
tinum**

Tartarum, that is Argill of wine lees.

Saturnus that is lead.

Jupiter that is tinne.

Mars that is iron.

Sol that is golde.

Luna that is silver.

Venus that is copper.

Mercurie that is quicksilver.

The names of the preparations.

Calcinatio that is to make any of these
mettals as it were lime, with great
fire sometimes, and other sometime with
small fire.

Solutio that is to dissolue and make as
it were liquide like unto water, the hard
or tough substance of any thing.

Sub.

Of preparing of Mineralles

1. *Sublimatio* that is a distilling by the ascension of the metall by force of heate to the top of the limbecke, so that it may hang to the topp of the vessel hard and begin to runne downe.

2. *Distillatio* that is to take away the moisture by the heate of the fire.

3. *Digestio* that is to let the matter in hot water or in horse dung.

4. *Fixatio* that is to sublime a matter, so long that it will sublime no more, but remaine fixt in the bottome.

There are a number of other preparations, but we will leave them because we have written sufficient for our purpose already.

To prepare *Crocum martis* and such

as take which are prepared thus

row calcination.

Crocum martis, or *Crocum Venetum* shall be made in this manner: Take the limbeck of yron, as much as you will, and wash it with fayne water so long untill that the water runne as cleere as it was

Of preparing of Mineralles.

put out, then put it in a glasse, and put
thereon strong vinegar untill it be coue-
red, and let it stand so two or three dayes
close shut: then poure off the vinegar and
drie the limball well, then put it into a
new earthen pot with a cover, and lute
it very well round about with lime and
haire mixt together: then set it in a fur-
nace of calcination eight dayes and eight
nights, so that it may continually stand
redde hott, then take it forth and grinde
it on a stone, and if it grinde very smooth
without any hard matter that yee can re-
ther see or feel, then it is calcined enough:
but if ye feele any hard matter, put it into
the furnace againe two or three dayes,
and then grinde it againe, and this order
ye shall vse untill it be fine as can be pos-
sible.

This *Crocum martis* being so prepared,
amongest all other medicines in the
world, it is the most excellent that can be
found against the bloody fluxe, giuing it
in this order. Take conserve of Roses
one ounce, *crocum martis* one scruple, mixe
them together, and let the patient eat it
in the morning, and fast thereon three
houres,

Of preparing of Mineralles.

houres, and it will helpe him although
 he had had it neuer so long, or neuer so
 sore. It is also giuen above all other
 medicines in the later end of a dropie,
 and also against the fluxe of menstrue,
 and against bleeding at the nose, and all o-
 ther fluxes. It helpeth those that spitte
 blood: it is excellent to stop the fluxe in
 wounds, and to help them and dry them,
 if ye strew the pouder thereon, &c. We shal
 make *Crocum veneris* in the selfe same or-
 der aforesaid: but where ye took limmal,
 ye shal take the scales of copper: and yee
 shal note, that this *Crocum veneris* is not
 to be vsed inwardly, but onely outwardly.

Of the preparation of Alumes and
 Saltes.

Take *sal Gemme*, or common salt, and
 set them in a calcining furnace with
 a small fire, vntill it be redde hotte the
 space of halfe an houre, and that it crake

Of preparing of Mineralles

no more, then let it ware colde and beate
it to powder and let it melt, and let it
stand til it be clere, then poure it in a pot
well nealed, and set it on the fire, and let
it boyle till it be dry, and ye shall find the
salt on the ground as white as snowe, the
which ye shall neale once more in the
fire, and then it is prepared.

The preparation of Allum.

Take Allum and calcine it in an open
bessell till all his moisture be gone,
then make it red hot, and after a while
put it into an other pot wyth strong vi-
neger, and set it on the fire and let it seeth
drie, then set it on the fire agayne til it be
red hote, and as whyte as snow, then
keepe it to the vse.

This is very excellent to drye up olde
sores if it be mixt wyth hony, and taketh
away dead flesh wythout payne.

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Of preparing of Mineralles

To calcine Vitrioll.

Take Vitrioll and beate it to powder,
and put it into a new earthen pot
that is unnetted, and set it in an oven
somewhat warme till it be drie, then co-
uer the pot close and lute it well, that no
aire may come forth: then set it in a calci-
ning furnace the space of two houres, so
that it may alwaies be as red as y^e coles,
and then it will be as red as bloud, then
grinde it on a stone, & keep it to thy use.

There is no Corrosive the which wor-
keth like this Vitrioll calcinated, for if ye
mixe it with any Unguent, and lay it on
a til Ulcer, it maketh an Asker the which
unal corrosives must be loosed with fat or
butter: but this corrosive needeth not, for
ye must still lay more therein, and keepe
the Asker in the sore, for y^e vertue of this
Vitrioll is so great, that it causeth the
flesh to grow briter than Asker, and when
the flesh is enough the Asker will fall off,
and then ye shall need nothing but to skin
it, the which is not commonly seene of o-
ther corrosives: therefore I praise this for
the best of all corrosives.

Of preparing of Mineralles.

To calcine Quicksilver.

Take *Aqua fortis* ℥.ii. *Mercurie* ℥.i. & put them in a glasse, and set it on the fire in a scarnell with sand or ashes, till the *Mercurie* be dissolved, then put it into an earthen pot well glased, and set it on the fire to boyle till it be drie, and stirre it alwayes with a sticke that it may drie the better, and when as it is well dried, put it in an other pot with a keyer that is very well glased within, then lute it very well that no aire may come forth: But ye must note that the pot must be top full, then sette it in a calcining furnace with a good fire four daies and foure nights, then grind it to small powder on a stone, and keepe it to thy vse. For thou hast *Mercurie* calcinated, of the which we haue spoken much in our p[ar]t of *Chirurgia*.
 ¶ This is excellent in all olde sores, and though they be neuer so euill, for it cleareth without paine and healeth them, that is, it cleareth as long as it is needefull, and then it healeth, which is most strange to see: this salet all dead flesh,

Of preparing of Mineralles

ness, and preferreth that which is good
and sound, and causeth the blears to
heale in short space. Wee shall note that
when we speake of *Mercurie calcinated* or
precipitate in any place, ye shal take this.

To calcine Tartare

Take good *Tartare* that is cleere & without
filth, and stamp it to powder, then
put it in a scravell that neuer was be-
used, and set it in the calcining furnace,
so that it may stand but even red hot, and
there let it remaine untill it be as white
as snow throughout, then take it forth and
keepe it in a glasse close shut, untill you
reade moze how that ye shall make this
oile.

To calcine Tynne or Lead.

Take *Tynne* or *Leade* and melt it
on the fire, and when it is molte let it
peere vnto, then take an Iron for ymmer
and stirre it therewith so long, till it come
to ashes, then take that ashes and wash
it

Of preparing of Mineralles. O

it so long till that the water runneth cleere off as ye put it on; then drie it in a calcining furnace till that it smoke no more, then put it into another new potte with a cover, that is unglased, and lute it very well, then set it in the calcining furnace againe one whole day with a good fire, then take it forth and ye shall finde a Calx in maner white, but somewhat inclining to yelow. The Tinne yee shall calcine in the selfe same manner as ye did the Lead, but when yee burne it to ashes ye must give it great fire, but in calcining it shall not need greater fire then it was for the Lead, and so keepe your fire untill it be as white as snow, and then it is prepared to make his oile as wee will shew you hereafter.

To Calcine silver.

To calcine Tinne or Lead

Take Silver and dissolve it in Aqua fortis, then cast a peece of Copper in to the glasse where the water is with the silver, and Crattwaies poure thereon a good quantitie of raine water, and then the silver will fall to bottom in a Calx then

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then let it stand one night, or as long
as yee will, and then poure away the
cleer water, and dry the Calx on the fire,
then washe that with warme water so
long that it have no bitter taste of the *A-*
qua fortis, and when ye have so done, yee
shall take solution salte prepared as I
have shewed you before, and lay it in a
Crusible the thickest of a straw, and
then lay thereon your Calx of Silver, and
cover it with the same salt againe, then
lute your Crusible with a cover that no
aire may come forth, then set it in a calci-
ning furnace with a reasonable fire five
houres long, then take it forth and put
thereon faire water, and let it seeth two
or three Water bottles, and then the salt
will seeth away, and the Calx will re-
maine sweet, which ye may prove upon
the tongue: but if it be not sweete, wash
it againe till it be sweete, and then keepe
it in a glasse, for it is prepared to make
his oile.

To calcine Gold.

Take gold and Mercurie, & make therof
an amalgamie as the Goldsmithes doe
ble

Of preparing of Mineralles.

Use to gild the silver plate the which is made thus. *among mod one* *that say an*

Take twelve partes of Mercurie; and one part of gold, the which yee shal beate into very thinne plates; and then cut it in as small peeces as ye can, then take a Crucible and put ther in the Mercurie, and set it on the fire till it beginne to smoke, then put ther to the gold and take it from the fire; and stirre it together so long till that ye may see ha more golde; then set it on the fire againe; and stir it so long that the Mercurie be flown all away, and then ye shal finde your gold in the crucible like sand; then take that and put thereto as much prepared salt, and grinde them together on a stone as small as is possible, then put it in a glasse, and washe it with warme water so long till that yee see the Calke, sauer and yellow and sweete vpon the tongue; so that it take nothing of salt nesse; then it is prepared: and heere with will we make an end of Calcination; and write of Sublimation.

To be done

For to make the gold and silver to be made the
and the gold and silver to be made the
and the gold and silver to be made the

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To sublime Quicksilver.

Take Mercurie and wash it with vineger and salt a pretie while; then put thereon very hot water and wash it therewith, till that the water runne as cleere off as ye will put it on, then dry it with a cloth and grinde it with vineger and salt againe, and washe it with warme water as yee did afore: this grinding and washing ye shal vse till that the Mercurie be no more blacke, and that it be as cleere as a glasse, then take of that Mercurie one pound, Salt prepared two pound, Salt Armoniack sublimed as I wil shew hereafter one pound, grinde these saltes together with the Mercurie, so long till that the Mercurie cannot be perceiued: then put all the substance in a subliming vessel with his cover, for which hath a hole in the top: as I will shew thee hereafter in the next booke, if God permit me life. Then set it in a calcining furnace, and giue it first a small fire till that the moisture bee flowne out thorough the hole of the cover of the Sublimatorie, the which yee shall knowe by this meanes:

Of preparing of Mineralles.

ye shall now and then holde a knife over the hole of the instrument, and then if the knife be wette there is moisture in the matter, but when ye see that the knife is drie, stop the hole with a stopple of paper, and increase the fire a little bigger, and let it stand so foure houres long, then increase the fire yet bigger, and let it stand foure houres: then make the fire so hot that the bottom may be al red, and that continue six houres, but let not your fire flake, then let it waie cold and take that which is sublimed, and grind it on a stone with two pound of salt prepared, and sublime it againe as ye did afore in all pointes, then let it waie cold, and grind it againe with Salt prepared, and sublime it againe. This grinding and subliming ye shall doe untill the Mercurie be as cleere as cristall, and as white as Snow and then it is prepared, then keep it in a glasse till that I write more thereof.

To sublime Sulphur.

First before that ye will sublime Sulphur, ye must prepare him thus.

Take Sulphur vive and grind it to fine powder,

Of preparing of Mineralles.

powder, then searce it finely, then put it in
 a pan with strong vinegar, and set it on
 the fire, and let it seeth a whole day and a
 night, but yee must put thereto alwaies
 moze vinegar as it consumeth away, and
 still ye must skum off the skum or filth as
 fast as it riseth, and when it hath sodden
 so in vinegar, ye shall seeth it two daies
 in the brine of young children, and al-
 waies skumme of the froth, and put ther-
 to moze brine alwaies as it consumeth.
 This seething and skumming yee shall
 continue vntill there rise no moze froth,
 then put it in a glasse, and washe it with
 warme water till all the stincke of the
 pisse be gone, & that it remaine as white
 as any Snow: then drie it well for it is
 well purged, then take of that purged
Sulfur halfe a pound, *Virrioll* calcined &c.
 grind these very fine together, so that the
Sulfur cannot be seene, then put them in
 a subliming vessell, & set it in y^e furnace,
 and giue it first a small fire till the moi-
 sture be gone, the which yee shall knowe
 with a knife as I shewed you afoze: then
 stop the hole and increase the fire a little,
 and so keep it fire houres, then let it ware



sold

Of preparing of Mineralles.

Take and take that which is sublimed, and grinde it with fresh *Vitrioll* and sublime it againe as ye did afoze: this subliming and grinding with fresh *Vitrioll*, ye shall vse till that the *Sulfur* bee as white as Snow, and so cleere as a glasse, and then it is sublimed enough: therefore keepe it in a glasse close shut with ware, till that we write moze thereof.

To sublime *Sall Armoniacke*.

Take *Sall Armoniack* l*i*. and as much limall of Iron and grinde them together on a stone, then put them in a subliming vessell, and seeth it in the furnace first with a small fire, and then increase it so that the bottome of the potte may be red hote, and so let it stand halfe a Sommers day, then let it ware colde and take that which is sublimed and grinde it on a stone, with as much salte prepared and sublime it againe: This grinding with new salt and subliming, yee shall vse so long till that it bee sublimed as white as Snow and then it is prepared: then keepe it to sublime the *Mercurie* with.

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*To sublime Copper, which is a
great secret.*

First yee must calcine it with *Sulfur* thus.

Take plates of copper beaten as thin as is possible, and cut them in little peeces as bigge as a penie or thereabout, then take a crucible and put therein *Wimstone* beaten a finger thicke, then lay thereon a bed of these places and couer them with *Sulfur*, and then lay another bedde and couer it with *Sulfur*, againe, and this doe till the crucible bee full, then sette it in the calcining furnace halfe a day long with a good fire, then let it waie cold and grinde it vpon a stone, and then put it into *Aqua fortis* and let it dissolue: and distill away the water & make the pouder very drie, the which remaineth in the bottome of the glasse and grinde it on a stone: with salt prepared, then put it in a subliming vessell, and set it in a furnace, and giue first a small fire, and then giue it a very strong fire

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four and twentie houres: and then let it
 ware cold, and in the vessel yee shall find a
 greene powder light and subtile, but no
 thing like the Copper, the which ye had
 to sublime. Then keepe that in a glasse
 close shut with ware, for there is no bet-
 ter medicine in the world then this for
 the Canker, the Wolfe, Fittelowes, and
 al such like sores, for this doth help them
 quickly: and when yee will occupie it in
 such sores, ye must straw it thereon, and
 lay vpon it a wound plaister: of y^e which
 I haue w^ritten a number in my pearle of
 Chirurgerie, and it shall heale them how
 soe soeuer they be.

To sublime Lead and Tinne.

These two are sublimed with lesse labor
 then the copper: neuerthelesse when
 yee shall sublime them, go to worke as
 thou didst with copper, sauing that yee
 may not calcine them with Sulfur, but as
 I haue shewed you afoze. And when it is
 so calcined yee shall dissolue them in this
 strong water following: and when it is
 dissolued distil the water away til it re-
 maine

Of preparing of Mineralles:

maine drie: then dissolue it againe, and distil the water away againe, so that it remaine skant drie: then take that, and put thereto twice so much salt prepared and sublime them together with a strong fire, and ye shal finde a white powder sublimed in the top, the which serueth to the same vse that the copper serueth for: that is in all foule Ulcerations and filthy sores, &c.

*How to make the said Aqua fortis
to dissolue Lead and Tin.*

TAke salt Peter, Vitrioll Roman and Salt Armoniack, of eche one pound, beate them well together and put them in a glasse, the which is very well luted: then set on the head with a great receiuer, and lute the ioyntes well that no aire may come forth, then giue it a very small fire twelue houres long, and then increase it according to Arte: but take good heed that ye be not rash with your fire at the first, lest that all the glasses lie in peeces: then keepe it to thy vse, and when ye wil dissolue your Lead, ye must take for euery

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pound

Of preparing of Mineralles.

pound of Lead, two pound of water, and dissolve it cold, for otherwise it would blow the glasse in peeces.

*To make oile of Sulfur, the which
is a great secret.*

This oile is made in this maner. First ye shal haue a bell of earth, or a head of glasse like the common Stils of Tin, the which yee shall hang by by a string: then take a plate of Iron of a finger thick, and two fingers broad, and make it red hote in the fire, then lay it vnder the bell or head, and cast thereon Brimstone, and let it burne, so that the fume may goe within the bell, and this yee shall continue possible a whole day, afoze that one drop will fall: but when yee see it drop, then continue til ye haue oyle enough, & then hast thou a great treasure, the which keepe in a glasse, for it wil helpe the pore and all outward sores and vlcérations. And also stincking and filthy sores, the which will not be holpe. It is also excellent against the Rôle, and against the pestilence,

Of preparing of Mineralles.

pestilence, the which yee must vse in this manner. Take water of Rozell, of Roses, of *Cardus Benedictus* of ech ʒ.i. Dile of Sulfer ʒ.i, mixe them together, and giue it the patient as soone as he feeleth himselfe sicke, and lay him downe to sweate one houre, and let him not stirre that he may sweate the better, then dry him well with warme clothes, and let him rest two houres, and then if yee haue list to eate, let him haue a cullus made of a Henne in this order. Yee shall boile the Hen or chicken so long, that the flesh fall from the bones, then stampe the bones and all, and straine it with the saide brothe, then put thereto a good deale of Sugar, and a little Wine, and let the patient eate it with a verie little bread: and then two houres after, yee shall giue him the aforesaide receipt with oile, and let him sweate thereon two houres, as is saide afoze, and this yee shall doe the next day once, and by the grace of God the Pestilence shall not hurt him. But when yee will occupie it to the Pore, or anie other filthy sores, yee shall giue it with water of Hoppes, of Cicorie,

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of Germaner, of eche 3.i. water of Fumetozie 3.ii. Dile of Sulfer 3.i. these yee shall mire together, and let the patient drinke it at seauen a clocke in the morning, and let him sweate thereon two houres: then dry him with warm clothes, and then at night yee shall giue him that portion in maner as ye did before, and let him sweate thereon other two houres: and this order ye shall vse till that they be whole, the which wil be in very short time, so that it shall seeme myraculous, for his sores will presently be healed, although they were neuer so euill.

Against the Kose ye shal take the water of Sozel, of Wurselene, and put thereto 3.i. of oil of Bizimstone, and let the patient drinke it, and lie downe to sweate thereon, and in one day hee shalbe holpe, although he had it a long time.

To make oile of Vitrioll.

First ye must haue an earthen pot, the which holdeth about a gallon, and must be about a foot, or foureteene inches high, then ye must haue a head of glasse, the which

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Which commeth iust ouer the pit, then take vitrioll and put it in the pot, and then set on the head, with a great receyuer, and lute the ioyntes well, then giue it small fire, as I haue shewed you afoze in the making of strong water, and when ye see that it will droppe no more, then encrease the fire a little, and so keepe it til it droppe no more, then take away the receyuer, and poure out the water, and set it to agayne, and lute it fast, then encrease thy fire by little and little, till that the fumes come foorth: then keepe it bigger and bigger, so that the pot may stand as hote as the coales, and so keepe it vntil that the head and receyuer ware cleere againe, but in any wise slacke not thy fire: for I haue seene fire kept a whole day, after that the water was taken away, and neuer a droppe fell into the receiuer, but at the last it came apace, therefore leaue not till it be done. Then keepe this oyle very close in a glasse, that the spirites stie not away, for when it hath lost his spirites, it is good for nothing, but to corrod and eate away dead flesh. But when this oile hath his spirites, there is no better
 medie

Of preparing of Mineralles.

medicine in the world, against the falling
 sicknesse and Apoplexia being bled thus:
 Take *agua vite* perfectly rectified, wyth-
 out flame one pinte, Dile of *Vitrioll* one
 spoonesfull, mire them and let the pacient
 drinke thereof euery morning one spoones-
 full, and he shall be holpen, although he
 haue had it ten yeeres, and fell euerie
 houre: and soz Apoplexia ye shall giue it
 in the said order. But if he cannot drinke
 it so, ye shall giue it as ye thinke good, so
 as he haue it in his body, and presently
 he shall mend, although he had it a long
 time, and were lame ouer all his body.
 It is also excellent good against all hot fe-
 uers in the summer, soz it helpes them in
 one day, as I haue proued diuers times
 my selfe, and ye shall giue it in this order.
 Take bourage water as much as yee wil,
 and put thereto so much of this oyle, til it
 be sowze like veriuce, and thereof let
 the pacient drinke as much as hee will,
 and then ye shall see the pacient holp, and
 his thirst shall flake, and also his heate.
 This oyle is also good against all foule
 and olde sores, and to take away their
 stinke, if yee do mire it with water of C,
 gre

Of preparing of Mineralles.

gremonie, till it be very sowze, and then wash the soze therewith. If ye mix more oyle wyth the saide water, vntil it be as sowze as vineger, it takes away wartes if ye wash them therewith, and cause them to fall out without paine. It helps al scabs if ye wash them therewith, mixt with egremony water as is aforesaide. If ye mixe it with bourage water, buglosse water, and mellise water, it helps the beating of the heart, which hath continued a long time.

*To make water of Mercurie, which Paracelsus writeth of in his booke
of Chirurgery*

TAke Mercuric that is sublimed, as I haue shewed you afoze, and put it in a glasse, and set it in furnace, and giue such a temperate fire, as you may holde your hand ouer it a pater noster while, and that degree of fire ye shal keepe, the space of six weekes, but loke that ye increase not the fire, noz yet diminish it: then take that Mercury and grind it fine, and poure it into a bagge, like vnto an Apocrasse bag

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bagge, and hang it in a moist place, and set a glasse vnder it, and the Mercury wil turne into water, which keepe well: and when thou wilt occupy that water, thou shalt wet a linnen cloth therein, and lay it on such kinde of sores, as will not bee holpe by no other kinde of meanes: for it will take away their corosiuens, and cause them to heale, although they were neuer so ill. And mozeouer, because that thou shalt know wherefoze it serueth, ye shall note that it is good against all cankers, fistulowes, the wolfe, and such like, for it helpeth them al, though they were neuer so euil, as *Paraselsus* writes in his great Surgery in the chapter of the canker and such like.

To make Water of sal Armoniacke.

Take *sal Armoniacke* that is sublimed seven times, and grinde it to powder, then put it into a glasse, that hath a hole in the botome on the one side, and then set that glasse in another, and set them in a moist sellar, and then the *sal Armoniacke*

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niacke wil dissolue into water, and runne into the neather glasse, the which ye shal keep close: in the aforesaid maner ye may make water of Allum, the which is excellent to drie vp all filthy wounds, &c.

The order to fixe all things that are flying.

To fixe any thing, is to be vnderstode thus. Ye shal sublime it so often, as it wil sublime no moze, but wil lie in the fire, so as the fire cannot consume it, and when ye wil fixe any thing, as Sulfer, Quicksiluer, or Arsenicke, or such like, ye shal do it in this order: ye shal take Mercurie sublimed, or Sulfur sublimed, or Arsenicke, or such like, and put it into a subliming glasse, which I will shew you diuers paternes, in the next booke (God willing) and set it in a furnace with a smal fire, and then encrease it according to Arte, the space of a whole day, and then at euening ye shal turne the glasse and let it sublime vp into the other end: and this order yee shal vse with subliming, from one end vnto another, til that it wil
sublime

Of preparing of Mineralles.

sublime no more: the which ye shal pꝛoue
 in this manner. Ye shal take a litle ther
 of and lay it on a red hot coale, and looke
 whether it smoke oꝛ no, foꝛ if it smoke it
 is not firt, but if it smooke not it is firt:
 but to know the very trueth, ye shal take
 thereof and grind it to powder, and then
 put it into a crusible, and giue it as great
 a fire as though ye woulde melt copper,
 & then if ye see there cometh no smoake
 from it, it is firt: but if it smoke away,
 ye shal put it into a new subliming glas,
 and sublime it againe, then keep it to thy
 vse, til I wꝛite more thereof: foꝛ when
 you haue your spirits firt, ye haue a great
 treasure, not to be bought with mony, and
 pꝛincipally of Sulfer firt, foꝛ therewith
 ye may do what ye list, foꝛ there can no
 sicknes come vnto mans body, but it may
 be holpe therewith. Also Mercurie being
 firt, is such an excellent medicine against
 the poxe, that the like cannot be found in
 the world. But ye shal note, that it must
 not be occupied alone, but with other
 things, which I will shew you in ano
 ther place. The Arsenicke and the sal
Armoniacke may not be occupied in anie
 wise

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Wise inwardly, but onely outwardly, as
ye shal heare hereafter, and especially of
the salt of Arsnicke.

To make oyle of Antimonie.

If you wil make this oile, ye must looke
diligently to your fire, lest ye spoile al:
then take a retozt of glasse, and lute it
very wel, and put therein thre pounds of
Antimonie, and thre pounds of *sal gemme*
calcined, beaten together, then increase
your fire according to Arte, thre dayes
and thre nightes, and lute thy receiver
very wel, which must be of the quantity
of five or six gallons, or more, the grea-
ter the better, and then thou shalt haue
an oyle as redde as bloud, which is not
to be sold or bought for money: for it hel-
peth the Canker, the Wolfe, *Noli me tan-
gere*, and *Fistulais*, if ye annoynt them
therewith: first the dead flesh wil fall out
without paine, and then it will heale,
how soeuer soeuer it be, although it were
fourtie yeeres olde.

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Of preparing of Mineralles.

In summe. It is a most excellent oyle against all sores and venemous blcers, for if ye anoint them thre times therewith, it helpes them, although they were so venemous as they did eat a hand broad in one night, as is diuers times seene of the wolfe, and such like blcerations, that ate so, as it seemes a dogge had bitten but a great peece. These and al other blcerations, which wil not be holpe by any meanes, ye shal help them with this oile in short space, so as shal seem maruellous to beholde.

How ye may draw forth salt out of all mettalles: and first out of Gold, which is called Sal sapientium.

First if you will make salt of Gold, you shal take gold filed into poudre, and dissolue it in the aforesayd strong water, and when it is dissolued, ye shal boile away the water, til it remaine dry, then thou shalt put thereon faire water, and let it seethe therewith thre or foure houres

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Of preparing of Minerals.

boyles long, and then poure it away, and
put moze thereon and let it sethe againe;
and then poure it off againe: this pouring
on and off ye shal do till the water haue
no taste of the strong water, but is sweet
and when it is so, giue it great fire that it
may dry well, then put it in a glasse and
set it in a calcining furnace, and there it
shal calcine a whole moneth long, so that
it remaine alwayes red hot and in one de-
gre of fire, then take and grinde it on a
stone, until it be as fine as is possible:
then poure thereon good distilled vine-
ger, and lay a cover ouer the glasse, and
let it sethe in *Balneo Maria* a whole day
long, putting thereto alwayes fresh vi-
neger: then poure off that vinegar into a
glasse and put thereon moze, and boyle it
a whole day as ye did afore, and this ye
shal do three times: then take that vine-
ger that ye poured off, and distill it by
Balneo Maria till it remaine drie, and in
the botome ye shal find a salt as white as
snowe, which ye shal take and put there-
on moze vinegar, and set it in the *Balneo*
Maria that it may boyle the space of two
houres, then let it settle a whole day, and
then

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Of preparing of Mineralles.

In summa. It is a most excellent oyle
against al sores and venimous blcers, for
if ye anoint them thre times therewith,
it helpes them, although they were so
venimous as they did eat a hand broad
in one night, as is diuers times sene of
the wolfe, and such like blcerations, that
sate so, as it seemes a dogge had bitten
but a great pece. These and al other bl-
cerations, which wil not be holpe by any
meanes, ye shal help them with this oile
in thort space, so as shal seem maruellous
to beholde.

*How ye may draw foorth salt out of all
mettalles: and first out of Gold, which
is called Sal sapientium.*

First if you will make salt of Gold, you
shal take gold filed into poudre, and
dissolue it in the aforeswitten strong
water, and when it is dissolued, ye shal
boile away the water, til it remaine dry,
then thou shalt put thereon faire water,
and let it sethe therewith thre or foure
houres

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boyles long, and then poure it away, and
put more thereon and let it sethe againe,
and then poure it off againe: this pouring
on and off ye shal doe till the water haue
no taste of the strong water, but is sweete
and when it is so, giue it great fire that it
may dry well, then put it in a glasse and
set it in a calcining furnace, and there it
shal calcine a whole month long, so that
it remaine alwayes red hot and in one de-
gree of fire, then take and grinde it on a
stone, until it be as fine as is possible,
then poure thereon good distilled vine-
ger, and lay a couer ouer the glasse, and
let it sethe in *Balneo Maria* a whole day
long, putting thereto alwayes fresh vi-
neger: then poure off that vinegar into a
glasse and put thereon more, and boyle it
a whole day as ye did afore, and this ye
shal do thre times: then take that vine-
ger that ye poured off, and distill it by
Balneo Maria till it remaine drie, and in
the botome ye shal finde a salt as white as
snowe, which ye shal take and put there-
on more vinegar, and set it in the *Balneo*
Maria that it may boyle the space of two
houres, then let it settle a whole day, and
then

Of preparing of Mineralles.

then poure off that which is cleare, and then if there remaine any thing in the bottome it is not enough prepared: then shal ye dissolve it in vinegar againe, and distill the vinegar againe as I have shewed you, and ye shal find a whiter salt in the bottome of the glasse, which ye shall put in vinegar againe, and let that boyle in *batho Marie* two houres, as I have afore shewed you, and then let it stand and settle, and then poure off the clearer part, and distil it in *batho Marie*, and the salt will remayne in the bottome as white as snow. But if there remaine any in the other glasse ye shall not do as I have shewed you, till it be all dissolved.

Then dissolve that salt in raine water three or foure times, and looke whether there remaine any salt in the bottome undissolved, and if there remaine none, it is well prepared, or else not, and it is called *sal philosophorum*, or *sapientie*, and when it is dissolved into cleere water, that the salt may remayne very dry in the bottome, the which ye shall keepe in a glasse close there, for it is a most excellent medicine against all diseases of the bo-

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die, for it will leaue nothing in a mans bodie that shall hurte him, but it doeth drive it forth by sweate, and maketh the patient unfounde and whole as ever he was in all his life. It helpeth al outward sores, as the Canker, the Wollse, Fistilowes, and such like.

This being taken inwardely doeth helpe those outward diseases most wonderfull: for it helpeth them in three or foure dayes, and when ye will occupy it against such diseases, ye shall use it in this maner.

Ye shall take a diall full of wine, and put therein twoo or thre graines of that salt, for it is sufficient for any sicke person, for any kinde of diseases, then stop that bioil, and set it in warme water, untill the salt be dissolved, then giue the sicke person thereof to drinke warme, and lay him downe to sweate, for it will cause him to sweat wonderfull, therefore keepe him from the colde in any wise, for that sweate will bring him to health againe, although he were a leper, so that it come not by nature of his mother, for if it come by kind, there is no helpe that I know.

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And so, yet nevertheless this medicine
 can not hurt, nor yet it cannot helpe him.
 But other sicknesses, although they were
 neuer so euill or soze, it will help them. It
 helps the pestilence myraculously in one
 day, and likewise the poxe in shorte time,
 giuing it as is aforesaide in wine, and
 lay thereon and sweate, and then drye a-
 way the sweate with warme clothes, and
 when thou wilt helpe any outward soze,
 thou shalt lay thereon a wound plaister,
 and let him drinke the said salt with wine
 morning and euening, as is saide afoze,
 and in short space they shall be holpen.

*The order to distil Vineger to make the a-
 foresaid salter,*

Take good strong reasish wine Vine-
 ger, and distil it in a Limbecke of
 glasse, and giue it first a smal fire til halfe
 be distilled, then take it away, so it is
 nothing woorthy to our worke, then taste it
 on thy tongue whether it be sharpe or no,
 if it be not sharpe, it is not good: if not,
 keepe that smal fire till the liquor come
 forth

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forth some: ye shal note that the worst
of the vinegar distilleth first, then distil
that which is last with a reasonable fire
til it be almost distilled, but ye may not
distil it all quite out, lest it should stinke
of the fire and wax red, for then wil it not
serue our purpose. Moreover ye shal note
that it may not droppe faster, but that a
man may say a *pater noster* betweene.

To draw forth the salt of Arsnicke.

The salt of Arsenicke is a marvelous
salt, but it is sharpe and corrosiue, and
the order to make it is thus:

Take Arsnicke 3j. which is fired and
dissolue it in *aqua fortis* made of salt Pe-
ter and allum, and when it is dissolved
put thereon raine water, til it sincke to
the botome, and when it is sincke to the
botome let it stand to settle, then poure
off that part which is cleare, and put on
more fresh water and let it seethe, and
then let it settle and poure off the water
agayne, and then poure one more: and

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this order ye shall vse untill the water
 come off as swete as ye put it on, then
 calcine it five daies and five nights, then
 poure thereon distilled vineger and seeth
 it in *balneo maria* to dissolue, and at night
 let it settle and ware cleare: then poure
 off that which is cleare and put on more,
 and let it stand a day to dissolue as I sayd
 afore, and then let it ware cleare, and
 then poure off the cleare partes. This ye
 must do thre times as is saide of golde,
 and then dry it very well, and put there-
 on faire raine water till it be dissolued,
 and when it is dissolued ye shal make no
 more fire vnder it, but let it ware colde,
 and then poure the cleare parts off and di-
 still it in *balneo Maria* untill it be drye:
 and then you shall finde your salt in the
 ground as white as the snowe: which is
 most excellent against the Canker, the
 Woolfe, and such like as cometh of
 woundes, &c. yee shall helpe them thus.
 Take of this salt ℥j. and put thereto ℥j.
 of *Unguentum fuscum*, and therewith dresse
 the sores, and they wil heale in shorte
 time, though they were neuer so old: and
 therefore if thou wilt vnderstand where-
 fore

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foze it serves: loke in my pearle of Chirurgery, and also in the Chirurgerie of Paracelsus.

To make oile of Mettalles, and first of
Lead and Tin.

[If you will make oile of these two Mettalles, ye must first calcine them, as I have shewed you, and then dissolue them in the aforesaid strong water, and when they be dissolved let them stand til it bee as cleere as a glasse, then distill away the water by a Limbecke til it remaine drye, and when it is drye, put thereon good distilled vinegar, and set it in *balneo Maria* to dissolue a whole day, and let it boyle, and then let it ware colde and settle, then poure off that parte which is cleare and distill it in an other glasse, and when your matter is drye, put thereon other distilled vinegar, and let it sethe so long until it be dissolved, then distill away the vinegar, and then put on more vinegar: this dissolving & distilling ye shall vse so long until the matter remaine in the bottom like oyle, then put it forth while it

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it is yet warm, for when it is cold it is so tough as ye cannot get it from the glasse: This oyle so made is most excellent, for it helps woundes and sores in very short time: and moreover, there is no oyle amongst al the secretes of physicke or surgery that heales a wound sooner the this oyle doth, for it helps them in 24 heures, so as there bee no bones broke or cut, &c. There is an other manner of making of this oyle which is better, whereof we wil not write in this place.

*To make oyle of copper, and of crocum
martis, or yron.*

These mettalles ye must first calcine, and then dissolve them in strong water, then put thereon raine water til the mettall sinke to the botome, then put to so much raine water till it have no taste of the strong water, then dry it wel & put thereon distilled vinegar, and set it in Balneo to dissolve, then distil away the vinegar til it remayne dry, then put there-
on

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on fresh vineger, and distill that away til that the matter remain drye: and this order ye shal vse til that the matter remain moist in the bottome like oile. This oile is of like vertue as the other, and therefore we will write no more therof in this place.

To make Oile of Quicksilver.

If thou wilt make this oile, yee must haue *Mercurie* first or els it wil not serue to our vse: therefore take that which is first and put it in strong water, and set it in *Balneo* to dissolve, and set theron a head, and when it is dissolved let it settle, and then poure of that part which is cleer and distill it in *Balneo Maria*, and your *Mercurie* will remaine in the bottome, then put thereon raine water, and washe it so long that the water haue no taste of the strong water, but remaine as sweete as ye put it on: then put thereon distilled vineger, and set it in *Balneo Maria* a whole daie till it be dissolved, then distill the vineger away, and put theron fresh, & set it in *Balneo Maria* againe to dissolve, and

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and then distill it away againe: and this
 observe that be till that it remain like an
 oile in the bottom, then take it forth and
 keep it in a glasse close shut, least it should
 lose his strength. This oile is of as great
 operation in fresh woundes as the other
 aforesaid are: it is above al other against
 the poxe to be used outwardly, for it hel-
 peth all sores that come of the poxe, if yee
 annoint the sores therewith and in the
 foresaid maner: Ye may make oiles of all
 Metals but they are not to be taken in-
 wardly, and therefore I will shew thee
 another order how you shal make oiles of
 all the Metals to be inwardly.

*To make oile of gold, the which is distilled
 through the helme, and it is to be used
 both inwardly and out-
 wardly.*

If thou wilt make oile of gold, yee shall
 take his salt of the which we have made
 mention afoze, & put it into a glasse with
 a long neck, and mixe the glasse fast with
 hermes sel, that is with a paire of gloeing
 tongs.

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tongues, as I will shew you hereafter: the
 ye shall set the saide glasse in a calcining
 furnace, with a fire so temperat as thogh
 it stood in the sun, and there ye shall let
 it stand 8. daies, and the increase the fire
 other 8. daies, till that yee see it begin to
 waxe yellow, and then keepe thy fire in
 that heate till that thou seest thy glasse al
 yellow, and then increase thy fire a little
 til that ye see it waxe a browner yellow:
 and when ye see that, ye shall keepe it in
 that heate eight daies, and then if ye see
 it chaunge no colour, increase your fire a
 little more eight daies, and then ye shall
 see it waxe red, and when it is indifferent
 red, ye shall increase your fire again eight
 daies, till that ye see it a browne redde,
 then ye may giue it a greater fire, so; it
 is firt, and no fire can consume it: and whē
 yee haue kept it eight daies in suche a
 great heate, ye shall let it waxe colde, and
 if ye will make this oile, ye shall grind it
 in fine powder, and put it into a stone pot,
 and put thereon distilled vinegar, and
 set it in *Balneo Maria* to dissolve foure
 daies long, then let it settle and poure
 of the cleere parts, and put thereon more
 vinegar

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vineger and stop the pot very close, & set it againe other foure daies in *Balneo Maria* to dissolue, and euery day ye shal stirre it two or thre times with a sticke, then let it waie colde and settle, and poure of the cleere partes, and then put thereon freshe vineger, and set it to dissolue againe, and let it stand and settle vntill the fifth day in the morning, the let it waie cold & settle, and then poure off the cleere parts, and if there remaine any thing in the pots bot-
tome, cast it out, for it is not profitable for our work, then wash the pot very cleane, and put therein the said Vineger that ye boiled afoze, and distill it per *Balneo Maria* vntill it be dry, and ye shall finde the powder fairer then it was afoze, and then put thereon fresh vineger, and set it to dissolue in *Balneo Maria*, as is said afoze. And when it hath stood foure daies, ye shal poure it cleere off, and looke if there remaine any feces or powder in the bottom, and if there be any you shal poure it out, and make the pot cleane, and put therein the said vineger which ye poured off, and distill it away per *Balneo Maria*, vntill that it remaine dry: then put thereon fresh
vineger

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Vineger, and dissolue it as I haue shewed
 you, and then poure of the Vineger and
 distill it again, and this ye shall do, untill
 you finde no more sand in the bottome.
 But that it is all dissolved, and then it is
 prepared to make his oile of, then distill
 that last vineger away per *Balneo Marie*,
 untill that it be very drie, then put it into
 a glasse with a head and a great receiver,
 the which ye must lute together very wel
 that no aire may come forth; then glue it
 small fire foure houres long, and then in-
 crease it a little stronger, and so keepe it
 other foure houres, and then ye shall see
 certaine yellowe fumes rise vp into the
 head, then keepe thy fire in that degree,
 untill that thou seest the head waxe red,
 then increase your fire a little, untill that
 the head be as red as blood, then keep thy
 fire in that state, untill thou seest the rui-
 ler begin to flake. When make thy fire
 greater, untill that the bottome of the ves-
 sel be red, and then keepe it in that way
 one houre, and then the head will seem to
 be full of smoke. When make the fire as
 great as thou canst, untill the head waxe
 cleere againe as it was at the first. When
 les

Of preparing of Mineralles.

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vineger

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vineger, and dissolve it as I have shewed you, and then poure of the Vineger and distill it again, and this ye shall doe, until you finde no more sand in the bottome. But that it is all dissolved, and then it is prepared to make his oile of, then distill that last vineger away per *Balneo Mariae*, untill that it be very drie, then put it into a glasse with a head and a great receiver, the which ye must lute together very wel that no aire may come forth; then glue it small fire foure houres long, and then increase it a little stronger, and so keepe it other foure houres, and then ye shall see certaine yellowe fumes rise up into the head, then keepe the fire in that degree, untill that thou seest the head waxe red, then increase your fire a little, until that the head be as red as blood, then keep the fire in that state, untill thou seest the receiver begin to stoke. Then make the fire greater, untill that the bottome of the vessel be red, and then keepe it in that way one houre, and then the head will seeme to be full of smoke. Then make the fire as great as thou canst, untill the head waxe cleere againe as it was at the first. Then

let

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it beare color, and thou shalt finde an oile
in the receiver, the which is not to be
bought for any money: For because it hel-
peth al diseases in mans bodie, both in-
wardly and outwardly: although they
bee neuer so euill, as the Pestilence, the
Pore, the wolfe, the canker, consumpti-
ons, the dropsie, and the leper, if so bee
that it came not by nature of the father &
mother. And the order to take it is thus:
Ye shall take a pot of wine and put there
in 3. i. of this oile, and give the sick ther-
of to drinke in the morning, and let him
lie in his bed and sleepe, and then thou
shalt see his wonders. And if so bee that
the patient be full of such humours, and
that hee shall need purging, it will cause
nature to cast forth either by sweate, or
urine, or by vomite, or downward, as
long as the patient shal haue need, and
then straitwaies amend and waie stron-
ger: then if hee had eate a whole rapon,
and then if the patient do purge no more
by any of the said meanes aforesaid, yee
shal give it him but three daies. For if he
do purge more then one daie, it is a token
that he is full of corruption, as of the le-

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poie, and the pore. for those are so full of corruption, so that he cannot be holpe in one day by nature. Therefore ye shal giue it moze then thre daies, that is thus to be vnderstand, ye shal giue it him so long that nature purgeth no moze, and that ye may see that the patient waxeth very strong, for this medicine worketh with the helpe of nature a long time after, and therefore this medicine is precious, and of too quicke operation to giue to any sicke person where no neede is. But as for the wolfe and the canker, and such like outward sores, ye shal vnderstand, that there is need of no other helpe then the aforesaid drinke, as is said afoze: and ye shal lay vpon the soze a ewle leafe or lint, and you shall see great aboundance of foule and rotten blood and such like come forth: The which is scant to be beliewed, and then those holes or sores will incarnat, and heale of themselves without fault.

FINIS.